

# System 800xA

## Device Management HART

### Data Sheet

June 2020

| Category   | Vendor                | Device Name <sup>1</sup>            | Application                         | Device Revision | Manufacturer ID (HEX) | Device Type (HEX) |
|------------|-----------------------|-------------------------------------|-------------------------------------|-----------------|-----------------------|-------------------|
| Actuator   | ABB                   | PME120 (Contrac)                    | Electrical Actuator                 | 1               | 0x16                  | 0x87              |
| Analytical | ABB                   | AZ20/AZ30                           | O2 Analyzer                         | 0               | 0x1A                  | 0x34              |
|            |                       | TB82EC-Combined                     | 4-Electrode Cond. 2-wire, IS, Field | 1               | 0x1A                  | 0x24              |
|            |                       | TB82PH                              | pH                                  | 1               | 0x12                  | 0x50              |
|            |                       | TB82PH-Combined                     | pH/ORP 2-wire                       | 1               | 0x1A                  | 0x23              |
|            |                       | TB82TC-Combined                     | Toroidal Cond. 2-wire, IS, Field    | 1               | 0x1A                  | 0x26              |
|            |                       | TB82TE-Combined                     | 2-Electrode Cond. 2-wire, IS, Field | 1               | 0x1A                  | 0x25              |
|            | Autronica             | AutoPoint HC200                     | Infrared Hydrocarbon Gas Detector   | 2               | 0x008F                | 0x8F7F            |
|            | Berthold Technologies | LB491 Uniprobe*                     | Radiometric Density                 | 2               | 0xA1                  | 0x7D              |
|            | Detector Electronics  | Eclipse*                            | IR Gas Detector                     | 1               | 0x8F                  | 0x7F              |
|            |                       | Eclipse OPECL RX*                   | Open Path IR Gas Detector           | 1               | 0x8F                  | 0x7E              |
|            |                       | GT3000*                             | Electrochemical Toxic Gas Detector  | 1               | 0x8F                  | 0x7B              |
|            |                       | UD10                                | Universal Display Unit              | 2               | 0X8F                  | 0x7A              |
|            |                       | X3301*                              | Flame Detector                      | 1               | 0x8F                  | 0x7C              |
|            | Draeger Safety        | Flame 5000                          | Gas detector                        | 1               | 0x52                  | 0xE6              |
|            |                       | Polytron 7000                       | Gas Detector                        | 1               | 0x52                  | 0xEB              |
|            |                       | Polytron 8000                       | Gas Detector                        | 1               | 0x0052                | 0x52E8            |
|            |                       |                                     |                                     | 2               | 0x0052                | 0x52E8            |
|            |                       | Polytron IR*                        | Gas Detector                        | 1               | 0x52                  | 0xED              |
|            |                       | Polytron PULSAR                     | Gas Detector                        | 1               | 0x52                  | 0xEA              |
|            | Endress + Hauser      | Liquiline Cond / CM 42 / FW 2.01.zz | Conductivity                        | 1               | 0x0011                | 0x11A1            |
|            |                       | Liquiline Cond / CM 42 / FW 2.02.zz | Conductivity                        | 2               | 0x0011                | 0x11A1            |

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| Analytical<br>(Continued) | Endress + Hauser<br>(Continued) | Liquiline Cond / CM42 / FW 2.04.zz       | Conductivity           | 4               | 0x0011                | 0x11A1            |
|                           |                                 | Liquiline M Cci / CM42 / V13.04.07       | Conductivity           | 14              | 0x11                  | 0x90              |
|                           |                                 | Liquiline M Cci / CM42 / V13.05.xx       | Conductivity           | 15              | 0x11                  | 0x90              |
|                           |                                 | Liquiline M DO / CM42 / V20.02.07        | Dissolved Oxygen       | 21              | 0x11                  | 0x9B              |
|                           |                                 | Liquiline M DO / CM42 / V20.03.xx        | Dissolved Oxygen       | 22              | 0x11                  | 0x9B              |
|                           |                                 | Liquiline M pH-ORP / CM42 / V10.04.07    | pH and ORP Analyzer    | 11              | 0x11                  | 0x8F              |
|                           |                                 | Liquiline M pH-ORP / CM42 / 10.05.xx     | pH and ORP Analyzer    | 12              | 0x11                  | 0x8F              |
|                           |                                 | Liquiline Oxygen / CM 42 / FW 2.01.zz    | Liquid Oxygen Analyzer | 1               | 0x0011                | 0x11A2            |
|                           |                                 | Liquiline Oxygen / CM 42 / FW 2.02.zz    | Liquid Oxygen Analyzer | 2               | 0x0011                | 0x11A2            |
|                           |                                 | Liquiline Oxygen / CM42 / FW 2.04.zz     | Liquid Oxygen Analyzer | 4               | 0x0011                | 0x11A2            |
|                           |                                 | Liquiline pHORP / CM 42 / FW 2.01.zz     | pH and ORP Analyzer    | 1               | 0x0011                | 0x11A0            |
|                           |                                 | Liquiline pHORP / CM 42 / FW 2.02.zz     | pH and ORP Analyzer    | 2               | 0x0011                | 0x11A0            |
|                           |                                 | Liquiline pHORP / CM42 / FW 2.04.zz      | pH and ORP Analyzer    | 4               | 0x0011                | 0x11A0            |
|                           |                                 | Liquisys M PH / CPM 2x3 / V2.50          | pH and ORP Analyzer    | 1               | 0x11                  | 0x91              |
|                           |                                 | Liquisys M Turbidity / (CUM) 2x3 / V2.40 | Turbidity Transmitter  | 1               | 0x11                  | 0x95              |
|                           |                                 | Mycom S PH / CPM 153 / V2.30             | pH Transmitter         | 2               | 0x11                  | 0x98              |
|                           |                                 | Mycom S Cond. C / CLM153 / V1.20         | Conductivity           | 1               | 0x11                  | 0x99              |
|                           |                                 | Mypro Cond. C / CLx 431 / V2.05          | Conductivity           | 2               | 0x11                  | 0x8D              |
|                           |                                 | Mypro Cond. I / CLx 431 / V2.10          | Conductivity           | 2               | 0x11                  | 0x8E              |
|                           |                                 | Smartec S / CLD 132 / V1.11              | Conductivity           | 1               | 0x11                  | 0x97              |

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|---------------------------|----------------|-------------------------------|------------------------------------|-----------------|-----------------------|-------------------|
| Analytical<br>(Continued) | Knick          | 2211 Cond*                    | Conductivity Transmitter           | 1               | 0X61                  | 0xEA              |
|                           |                | 2211 Oxy                      | Oxygen (DO)                        | 1               | 0X61                  | 0xE9              |
|                           |                | 2211 pH*                      | pH/ORP Transmitter                 | 1               | 0X61                  | 0xEB              |
|                           |                | 2212 CondI*                   | Conductivity                       | 2               | 0X61                  | 0xE8              |
|                           | Metso          | SMARTPULP                     | Consistency                        | 3               | 0x2F                  | 0x3C              |
|                           | Mettler Toledo | Cond 7100*                    | Conductivity                       | 2               | 0x8E                  | 0x7A              |
|                           |                | Cond I 7100*                  | Inductive Conductivity             | 2               | 0x8E                  | 0x78              |
|                           |                | O2 4100*                      | Dissolved Oxygen                   | 1               | 0x8E                  | 0x79              |
|                           |                | pH 2100*                      | pH/ORP                             | 2               | 0x8E                  | 0x7B              |
|                           | Rosemount      | 1056                          | Analytical, PH                     | 2               | 0x2E                  | 0x55              |
|                           |                | 1066                          | Liquid Multi-Parameter Transmitter | 1               | 0x2E                  | 0x21              |
|                           |                | 5081pH*                       | pH/ORP Transmitter                 | 2               | 0x2E                  | 0x1A              |
|                           |                | 54eC*                         | Conductivity Analyzer / CONTROLLER | 1               | 0x2E                  | 0x51              |
|                           | Simtronics     | GD10P                         | IR Gas Detector                    | 0               | 0x603F                | 0xE0F7            |
|                           | Yokogawa       | FLXA21/202-ISC                | Inductive Conductivity             | 2               | 0x37                  | 0x5A              |
|                           |                | FLXA21/202-PH                 | pH and ORP Analyzer                | 2               | 0x37                  | 0x58              |
|                           |                | FLXA21/202-SC                 | Contacting Conductivity            | 2               | 0x37                  | 0x59              |
|                           |                | ISC202*                       | Conductivity                       | 1               | 0x37                  | 0x14              |
|                           |                | PH202*                        | Conductivity                       | 1               | 0x37                  | 0x15              |
|                           |                | SC202*                        | Conductivity                       | 1               | 0x37                  | 0x16              |
|                           |                | ZR402*                        | Zirconia Oxygen                    | 1               | 0x37                  | 0x0D              |
| Flow                      | ABB            | FAM5400 / AM54                | Variable Area Flowmeter            | 0               | 0x1A                  | 0x1B              |
|                           |                | FCM2000 (TRIO-MASS)           | Coriolis Mass Flowmeter            | 0               | 0x12                  | 0x13              |
|                           |                | FEX100                        | Electromagnetic Flow               | 0               | 0x1A                  | 0x1F              |
|                           |                | FEX300                        | Electromagnetic Flow               | 0               | 0x1A                  | 0x1E              |
|                           |                | FMT 500-IG                    | Thermal Mass Flowmeter             | 1               | 0x1A                  | 0x1C              |
|                           |                | FSM4000                       | Electromagnetic Flow               | 0               | 0x1A                  | 0x1D              |
|                           |                | FSX400                        | Vortex / Swirl Flowmeter           | 1               | 0x001A                | 0x1AA3            |
|                           |                | FV4000 / FS4000 (Trio - Wirl) | Vortex Flowmeter                   | 0               | 0x1A                  | 0x1A              |

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|---------------------|-------------------------------|----------------------------------------|----------------------------|-----------------|-----------------------|-------------------|
| Flow<br>(Continued) | ABB<br>(Continued)            | FXE4000 (COPA-XE / MAG-XE)             | Electromagnetic Flow       | 0               | 0x12                  | 0x08              |
|                     | Azbil VorTek                  | Pro-V                                  | Mass Flow Meter            | 6               | 0x87                  | 0x01              |
|                     | Bopp + Reuther<br>Messtechnik | ES*                                    | Variable Area Flowmeter    | 2               | 0x6C                  | 0xEC              |
|                     |                               | UMC2                                   | Coriolis Mass Flowmeter    | 3               | 0x6C                  | 0xEB              |
|                     |                               | UMF                                    | Electromagnetic Flowmeter  | 1               | 0x6C                  | 0xEA              |
|                     |                               | UST1                                   | Oval-wheel / Turbine meter | 7               | 0x6C                  | 0xEF              |
|                     | Brooks                        | MT3809*                                | Variable Area Flowmeter    | 1               | 0x0A                  | 0x02              |
|                     | Endress+Hauser                | Promag / 10 / V1.02.00                 | Magnetic Flowmeter         | 3               | 0x11                  | 0x45              |
|                     |                               | Promag / 10 / V1.03.00                 | Magnetic Flowmeter         | 4               | 0x11                  | 0x45              |
|                     |                               | Promag / 23 / V2.02.00<br>... V2.03.00 | Magnetic Flowmeter         | 2               | 0x11                  | 0x46              |
|                     |                               | Promag / 50 / V1.06.0x                 | Magnetic Flowmeter         | 4               | 0x11                  | 0x41              |
|                     |                               | Promag / 50 / V2.00.00                 | Magnetic Flowmeter         | 5               | 0x11                  | 0x41              |
|                     |                               | Promag / 50 / V2.01.xx                 | Magnetic Flowmeter         | 6               | 0x11                  | 0x41              |
|                     |                               | Promag / 50 / V2.02.xx                 | Magnetic Flowmeter         | 7               | 0x11                  | 0x41              |
|                     |                               | Promag / 50 / V2.03.xx                 | Magnetic Flowmeter         | 8               | 0x11                  | 0x41              |
|                     |                               | Promag / 50 / 2.04.zz                  | Magnetic Flowmeter         | 9               | 0x11                  | 0x41              |
|                     |                               | Promag / 51 / V2.00.0x                 | Magnetic Flowmeter         | 5               | 0x11                  | 0x43              |
|                     |                               | Promag / 51 / V2.02.xx                 | Magnetic Flowmeter         | 7               | 0x11                  | 0x43              |
|                     |                               | Promag / 51 / V2.03.xx                 | Magnetic Flowmeter         | 8               | 0x11                  | 0x43              |
|                     |                               | Promag / 51 / 2.04.zz                  | Magnetic Flowmeter         | 9               | 0x11                  | 0x43              |
|                     |                               | Promag / 53 / V2.00.00                 | Magnetic Flowmeter         | 5               | 0x11                  | 0x42              |
|                     |                               | Promag / 53 / V1.06.00<br>... V1.06.01 | Magnetic Flowmeter         | 4               | 0x11                  | 0x42              |
|                     |                               | Promag / 53 / V2.02.xx                 | Magnetic Flowmeter         | 7               | 0x11                  | 0x42              |
|                     |                               | Promag / 53 / 2.03.zz                  | Magnetic Flowmeter         | 8               | 0x11                  | 0x42              |
|                     |                               | Promag / 53 / FW<br>2.07.zz            | Magnetic Flowmeter         | 9               | 0x0011                | 0x1142            |
|                     |                               | Promag / 55 / V1.01.xx                 | Magnetic Flowmeter         | 2               | 0x11                  | 0x44              |
|                     |                               | Promag / 55 / V1.02.xx                 | Magnetic Flowmeter         | 3               | 0x11                  | 0x44              |
|                     |                               | Promag / 55 / 1.03.zz                  | Magnetic Flowmeter         | 4               | 0x11                  | 0x44              |
|                     |                               | Promag 100 / 5x1B / FW<br>1.01.zz      | Electromagnetic Flowmeter  | 2               | 0x0011                | 0x113A            |

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|---------------------|-------------------------------|------------------------------------------|---------------------------|-----------------|-----------------------|-------------------|
| Flow<br>(Continued) | Endress+Hauser<br>(Continued) | Promag 200 / 5x2B / FW 1.01.zz           | Magnetic Flowmeter        | 2               | 0x0011                | 0x1148            |
|                     |                               | Promag 300 500 / 5x3x 5x5x / FW 1.00.zz  | Electromagnetic Flowmeter | 1               | 0x0011                | 0x113C            |
|                     |                               | Promag 400 / 5x4C / FW 1.05.zz           | Electromagnetic Flowmeter | 6               | 0x0011                | 0x1167            |
|                     |                               | Promag 400 / 5x4C / FW 2.00.zz           | Electromagnetic Flowmeter | 8               | 0x0011                | 0x1169            |
|                     |                               | Promass / 40 / V2.02.0x                  | Coriolis Mass Flowmeter   | 8               | 0x11                  | 0x53              |
|                     |                               | Promass / 63 / V3.03.01                  | Coriolis Mass Flowmeter   | 4               | 0x11                  | 0x34              |
|                     |                               | Promass / 80 / V1.06.0x                  | Coriolis Mass Flowmeter   | 5               | 0x11                  | 0x50              |
|                     |                               | Promass / 80 / V2.02.0x                  | Coriolis Mass Flowmeter   | 8               | 0x11                  | 0x50              |
|                     |                               | Promass / 80 / V3.01.0x                  | Coriolis Mass Flowmeter   | 9               | 0x11                  | 0x50              |
|                     |                               | Promass / 83 / V1.06.0x                  | Coriolis Mass Flowmeter   | 5               | 0x11                  | 0x51              |
|                     |                               | Promass / 83 / V2.00.0x                  | Coriolis Mass Flowmeter   | 6               | 0x11                  | 0x51              |
|                     |                               | Promass / 83 / V2.01.0x                  | Coriolis Mass Flowmeter   | 7               | 0x11                  | 0x51              |
|                     |                               | Promass / 83 / V2.02.xx                  | Coriolis Mass Flowmeter   | 8               | 0x11                  | 0x51              |
|                     |                               | Promass / 83 / V3.01.0x                  | Coriolis Mass Flowmeter   | 9               | 0x11                  | 0x51              |
|                     |                               | Promass / 83 / FW 3.07.zz                | Coriolis Mass Flowmeter   | 10              | 0x0011                | 0x1151            |
|                     |                               | Promass 200 / 8x2B / FW 1.03.zz          | Coriolis Mass Flowmeter   | 4               | 0x0011                | 0x1154            |
|                     |                               | Promass 200 / 8x2B / FW 1.04.zz          | Coriolis Mass Flowmeter   | 5               | 0x0011                | 0x1154            |
|                     |                               | Promass 300 500 / 8x3x 8x5x / FW 1.00.zz | Coriolis Mass Flowmeter   | 1               | 0x0011                | 0x113B            |
|                     |                               | Prosonic Flow / 90 / V2.01.0x            | Ultrasonic Flowmeter      | 5               | 0x11                  | 0x58              |
|                     |                               | Prosonic Flow / 91 / V1.01.xx            | Ultrasonic Flowmeter      | 1               | 0x11                  | 0x62              |
|                     |                               | Prosonic Flow / 92 / V1.00.xx            | Ultrasonic Flowmeter      | 1               | 0x11                  | 0x61              |
|                     |                               | Prosonic Flow / 93 / V1.06.0x            | Ultrasonic Flowmeter      | 4               | 0x11                  | 0x59              |
|                     |                               | Prosonic Flow / 93 / V2.00.0x            | Ultrasonic Flowmeter      | 5               | 0x11                  | 0x59              |
|                     |                               | Prosonic Flow / 93 / V2.01.0x            | Ultrasonic Flowmeter      | 6               | 0x11                  | 0x59              |

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|---------------------|-------------------------------|-----------------------------------------|------------------------|-----------------|-----------------------|-------------------|
| Flow<br>(Continued) | Endress+Hauser<br>(Continued) | Prosonic Flow / 93 / V2.02.0x           | Ultrasonic Flowmeter   | 7               | 0x11                  | 0x59              |
|                     |                               | Prosonic Flow B-200 V1.01.zz            | Ultrasonic Flowmeter   | 1               | 0x11                  | 0x5A              |
|                     |                               | Prosonic Flow B 200 / 9B2B / FW 1.02.zz | Ultrasonic Flowmeter   | 3               | 0x0011                | 0x115A            |
|                     |                               | Prosonic Flow / DMU93 / V1.01.00        | Ultrasonic Flowmeter   | 2               | 0x11                  | 0x40              |
|                     |                               | Prowirl / 70 / ... V1.1.01              | Vortex Flowmeter       | 1               | 0x11                  | 0x33              |
|                     |                               | Prowirl / 72 / V1.00.00 ... V1.01.0x    | Vortex Flowmeter       | 2               | 0x11                  | 0x56              |
|                     |                               | Prowirl / 72 / V1.02.00                 | Vortex Flowmeter       | 3               | 0x11                  | 0x56              |
|                     |                               | Prowirl / 72 / V1.03.xx                 | Vortex Flowmeter       | 4               | 0x11                  | 0x56              |
|                     |                               | Prowirl / 72 / V1.04.00                 | Vortex Flowmeter       | 5               | 0x11                  | 0x56              |
|                     |                               | Prowirl / 72 / V1.05.00                 | Vortex Flowmeter       | 6               | 0x11                  | 0x56              |
|                     |                               | Prowirl / 72 / 1.06.zz                  | Vortex Flowmeter       | 7               | 0x11                  | 0x56              |
|                     |                               | Prowirl / 73 / V1.03.0x                 | Vortex Flowmeter       | 4               | 0x11                  | 0x57              |
|                     |                               | Prowirl / 73 / V1.05.0x                 | Vortex Flowmeter       | 6               | 0x11                  | 0x57              |
|                     |                               | Prowirl / 73 / V1.06.zz                 | Vortex Flowmeter       | 7               | 0x11                  | 0x57              |
|                     |                               | Prowirl 200 / 7x2B / FW 1.02.zz         | Vortex Flowmeter       | 3               | 0x0011                | 0x1138            |
|                     |                               | t-mass / 65 / V1.00.xx                  | Thermal Mass Flowmeter | 1               | 0x11                  | 0x65              |
|                     |                               | t-mass / 65 / V1.01.xx                  | Thermal Mass Flowmeter | 2               | 0x11                  | 0x65              |
|                     |                               | t-mass 150 / 6xABxx / FW 1.00.zz        | Thermal Mass Flowmeter | 1               | 0x0011                | 0x0066            |
|                     |                               | t-mass L T 150 / 6xAB / FW 1.00.zz      | Thermal Mass Flowmeter | 1               | 0x0011                | 0x0068            |
|                     | FCI                           | ST98*                                   | Thermal Mass Flowmeter | 1               | 0xA6                  | 0x78              |
|                     |                               | ST100                                   | Thermal Mass Flowmeter | 1               | 0xA6                  | 0xA67F            |
|                     | Flexim                        | Fluxus                                  | Ultrasonic Flowmeter   | 3               | 0x6021                | 0xE0BD            |
|                     | Foxboro                       | 83 Series                               | Vortex Flowmeter       | 1               | 0x14                  | 0x33              |
|                     |                               | CFT50*                                  | Mass Flowmeter         | 2               | 0x14                  | 0x34              |
|                     |                               | IMT25*                                  | Magnetic Flowmeter     | 1               | 0x14                  | 0x29              |
|                     | GE Sensing                    | GF868                                   | Ultrasonic Flowmeter   | 1               | 0x9D                  | 0x70              |
|                     |                               | Sentinel SEN898                         | Ultrasonic Flowmeter   | 1               | 0x9D                  | 0x7F              |

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| Flow<br>(Continued) | GE Sensing<br>(Continued) | XGS868                             | Ultrasonic Flowmeter             | 1               | 0x9D                  | 0x70              |
|                     | Krohne                    | H250/M9*                           | Variable Area Flowmeter          | 1               | 0x45                  | 0xF2              |
|                     |                           | ESK2A                              | Variable Area Flowmeter          | 1               | 0x45                  | 0xE2              |
|                     |                           | IFC 040 (Altoflux 2W )             | 2-wire Electromagnetic Flowmeter | 2               | 0x45                  | 0xE9              |
|                     |                           | IFC 100                            | Electromagnetic Flow Meter       | 4               | 0x45                  | 0xD9              |
|                     |                           | IFC 300 (for all OPTIFLUX sensors) | Mag Flow Meter                   | 2               | 0x45                  | 0xE3              |
|                     |                           |                                    |                                  | 3               | 0x45                  | 0xE3              |
|                     |                           | MFC 300 (Optimass Series)*         | Coriolis Mass Flowmeter          | 2               | 0x45                  | 0xDD              |
|                     |                           | UFC 030 (UFM 3030)                 | Ultrasonic Flowmeter (3-beam)    | 2               | 0x45                  | 0xE7              |
|                     |                           | VFM 31 (VFM 3100)*                 | Vortex Flowmeter                 | 1               | 0x45                  | 0xED              |
|                     | Magnetrol                 | TA2*                               | Thermatel® Mass Flow             | 2               | 0x56                  | 0xE9              |
|                     | Micro Motion              | 2700R (Fisher)                     | Coriolis and Mass Flowmeter      | 3               | 0x1F                  | 0x2A              |
|                     |                           | MVD Series 1000 IS Output*         | Flow Transmitter                 | 5               | 0x1F                  | 0x27              |
|                     |                           |                                    |                                  | 6               | 0x1F                  | 0x27              |
|                     |                           | MVD Series 1000 Analog Output*     | Flow Transmitter                 | 6               | 0x1F                  | 0x29              |
|                     |                           | MVD Series 1000 Analog Output      | Flow Transmitter                 | 7               | 0x001F                | 0x1F29            |
|                     |                           | MVD Series 2000 Analog Output      | Coriolis Mass Flowmeter          | 7               | 0x1F                  | 0x1F2A            |
|                     |                           | MVD Series 2000 Config IO*         | Flow Transmitter                 | 6               | 0x1F                  | 0x24              |
|                     |                           | MVD Series 2000 Config IO          | Flow Transmitter                 | 7               | 0x001F                | 0x1F24            |
|                     |                           | MVD Series 2000 IS Output - 2700IS | Coriolis Mass Flowmeter          | 7               | 0x001F                | 0x1F26            |
|                     |                           | RFT9739*                           | Mass flow                        | 4               | 0x1F                  | 0x15              |
|                     | Panametrics               | XMT 868*                           | Ultrasonic Flowmeter             | 1               | 0x9D                  | 0x70              |
|                     | Rosemount                 | 3051SMV*                           | Flow Transmitter                 | 1               | 0x26                  | 0x49              |
|                     |                           | 3095MV*                            | Multivariable Mass Flowmeter     | 2               | 0x26                  | 0x16              |
|                     |                           | 8712                               | Flowmeter                        | 2               | 0x26                  | 0x37              |
|                     |                           | 8712E                              | Flowmeter                        | 3               | 0x26                  | 0x57              |
|                     |                           | 8732 (Magmeter)*                   | Flow Transmitter                 | 7               | 0x26                  | 0x04              |

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|---------------------|--------------------------|-------------------------------------|-------------------------------|-----------------|-----------------------|-------------------|
| Flow<br>(Continued) | Rosemount<br>(Continued) | 8732*                               | Flow Transmitter              | 2               | 0x26                  | 0x3C              |
|                     |                          |                                     |                               | 3               | 0x26                  | 0x3C              |
|                     |                          |                                     |                               | 4               | 0x26                  | 0x3C              |
|                     |                          | 8800C                               | Vortex Flowmeter              | 3               | 0x26                  | 0x10              |
|                     |                          | 8800D*                              | Vortex Flowmeter              | 2               | 0x26                  | 0x3A              |
|                     | Siemens                  | MAG x000 Magflow                    | Magnetic Flowmeter            | 2               | 0x2A                  | 0x18              |
|                     |                          | SITRANS F US                        | Ultrasonic Flowmeter          | 1               | 0x2A                  | 0x1E              |
|                     | VorTek<br>Instruments    | M22-V                               | Mass Flowmeter                | 0               | 0x87                  | 0x01              |
|                     |                          | M22-VTP                             | Mass Flowmeter                | 5               | 0x87                  | 0x01              |
|                     | Yamatake                 | MagneW                              | Magnetic Flowmeter            | 1               | 0x36                  | 0x01              |
|                     | Yokogawa                 | ADMAG AM/AE/SE*                     | Magnetic Flow                 | 2               | 0x37                  | 0x08              |
|                     |                          | AXFA11*                             | Magnetic Flow                 | 1               | 0x37                  | 0x50              |
|                     |                          | AXFA14*                             | Magnetic FLOW                 | 1               | 0x37                  | 0x52              |
|                     |                          | DYF*                                | Vortex Flow                   | 2               | 0x37                  | 0x0B              |
|                     |                          |                                     |                               | 3               | 0x37                  | 0x0B              |
|                     |                          | RAMC Rotameter*                     | Flowmeter                     | 1               | 0x37                  | 0x41              |
| Level               | Aplisens                 | SG-25                               | Hydrostatic Level Probe       | 1               | 0xBC                  | 0x7A              |
|                     | BD SENSORS               | LMK 358 H                           | Hydrostatic Level Measurement | 1               | 0xB9                  | 0x17              |
|                     | Berthold<br>Technologies | LB490 Uniprobe*                     | Radiometric Level             | 3               | 0xA1                  | 0x7F              |
|                     | Endress+Hauser           | Deltapilot M 5x / FMB 5x / V1.00.xx | Hydrostatic level             | 1               | 0x11                  | 0x23              |
|                     |                          | Deltapilot S / DB 5x / V2.0         | Hydrostatic Level Transmitter | 2               | 0x11                  | 0x0B              |
|                     |                          | Deltapilot S / FMB 70 / V02.10.xx   | Hydrostatic Level Transmitter | 15              | 0x11                  | 0x1A              |
|                     |                          | Deltapilot S / FMB 70 / FW 2.20.zz  | Hydrostatic Level Transmitter | 22              | 0x0011                | 0x001A            |
|                     |                          | Deltapilot S / FMB 70 / FW 2.30.zz  | Hydrostatic Level Transmitter | 23              | 0x0011                | 0x111A            |
|                     |                          | Gammapilot M / FMG 60 / V1.xx       | Radiometric                   | 1               | 0x11                  | 0x13              |



| Category             | Vendor                        | Device Name <sup>1</sup>         | Application                     | Device Revision | Manufacturer ID (HEX) | Device Type (HEX) |
|----------------------|-------------------------------|----------------------------------|---------------------------------|-----------------|-----------------------|-------------------|
| Level<br>(Continued) | Endress+Hauser<br>(Continued) | Gammapilot M / FMG 60 / V1.02.xx | Radiometric                     | 2               | 0x11                  | 0x13              |
|                      |                               | Levelflex / FMP 5x / 1.01.zz     | Guider Radar                    | 2               | 0x11                  | 0x22              |
|                      |                               | Levelflex / FMP 5x / FW 1.02.zz  | Guider Radar                    | 3               | 0x0011                | 0x0022            |
|                      |                               | Levelflex / FMP 5x / FW 1.03.zz  | Guider Radar                    | 4               | 0x0011                | 0x1122            |
|                      |                               | Levelflex M / FMP 40 / V2.00     | Guider Radar                    | 2               | 0x11                  | 0x12              |
|                      |                               | Levelflex M / FMP 4x / V1.08.00  | Guider Radar                    | 8               | 0x11                  | 0x20              |
|                      |                               | Levelflex M / FMP 4x / V4.xx     | Guider Radar                    | 4               | 0x11                  | 0x12              |
|                      |                               | Liquicap M / FMI 5x / 1.03.xx    | Turbidity Transmitter           | 3               | 0x11                  | 0x1D              |
|                      |                               | Micropilot FMR5x V1.00.00        | Radar level                     | 1               | 0x11                  | 0x28              |
|                      |                               | Micropilot / FMR5x / FW 1.01.zz  | Radar level                     | 2               | 0x0011                | 0x1128            |
|                      |                               | Micropilot / FMR5x / FW 1.02.zz  | Radar level                     | 3               | 0x0011                | 0x1128            |
|                      |                               | Micropilot / FMR6x / FW 1.00.zz  | Radar level                     | 1               | 0x0011                | 0x112B            |
|                      |                               | Micropilot M / FMR 2xx / V2.00   | Radar Level                     | 2               | 0x11                  | 0x0F              |
|                      |                               | Micropilot M / FMR 2xx / V4.xx   | Radar Level                     | 4               | 0x11                  | 0x0F              |
|                      |                               | Micropilot M / FMR250 / V5.00    | Radar Level                     | 5               | 0x11                  | 0x1E              |
|                      |                               | Micropilot S / FMR53x / V2.00    | Radar Level                     | 2               | 0x11                  | 0x10              |
|                      |                               | Micropilot S / FMR54x / V1.01.xx | Radar Level                     | 1               | 0x11                  | 0x1F              |
|                      |                               | Proservo NMS530                  | Intelligent Liquid Level Gauge  | 3               | 0x11                  | 0xB6              |
|                      |                               | Prosonic M / FMU 4x / V2.00      | Level Ultrasonic (2 and 4 wire) | 2               | 0x11                  | 0x11              |
|                      |                               | Prosonic M / FMU 4x / V4.xx      | Level Ultrasonic (2 and 4 wire) | 4               | 0x11                  | 0x11              |

| Category             | Vendor                        | Device Name <sup>1</sup>          | Application                        | Device Revision | Manufacturer ID (HEX) | Device Type (HEX) |
|----------------------|-------------------------------|-----------------------------------|------------------------------------|-----------------|-----------------------|-------------------|
| Level<br>(Continued) | Endress+Hauser<br>(Continued) | Prosonic S / FMU90 / V2.00.xx     | Level Ultrasonic                   | 2               | 0x11                  | 0x1B              |
|                      |                               | Waterpilot 2x / FMX 21 / V1.00.xx | Hydrostatic level                  | 1               | 0x11                  | 0x24              |
|                      | ISE-Magtech                   | LTM-300                           | Magnetostrictive Transmitter       | 3               | 0x8C                  | 0x89              |
|                      |                               | LTM-350                           | Magnetostrictive Transmitter       | 1               | 0x8C                  | 0x8C8A            |
|                      | K-TEK                         | ATx00                             | Magnetostrictive Level             | 1               | 0x50                  | 0x7A              |
|                      |                               | MT2000                            | Guided Wave Radar                  | 1               | 0x50                  | 0x98              |
|                      | Krohne                        | BM 70x                            | Radar Level                        | 11              | 0x45                  | 0xF9              |
|                      |                               | M10                               | Variable Area Flowmeter            | 2               | 0x45                  | 0xEA              |
|                      |                               | M8E                               | Variable Area Flowmeter            | 1               | 0x45                  | 0xE6              |
|                      |                               | Optiwave 5200C_F                  | Non-Contact Radar Level Meter      | 1               | 0x45                  | 0xD0              |
|                      | Magnetrol                     | 704*                              | Horizon™ Guided Wave Radar Trans   | 1               | 0x56                  | 0xE7              |
|                      |                               | 705 3.X                           | Guided Wave Radar Trans            | 1               | 0x56                  | 0xE5              |
|                      |                               | 705 3.X*                          | Guided Wave Radar Trans            | 1               | 0x56                  | 0xE5              |
|                      |                               | 705 3.X                           | Guided Wave Radar Trans            | 2               | 0x56                  | 0xE5              |
|                      |                               | 706                               | Level Transmitter                  | 1               | 0x0056                | 0x56E0            |
|                      |                               | 805*                              | KOTRON RF Capacitance              | 1               | 0x56                  | 0xED              |
|                      |                               | DIGITAL ES II*                    | ModuLevel® Displacer               | 2               | 0x56                  | 0xEF              |
|                      |                               | Jupiter*                          | Magnetostrictive Level Transmitter | 3               | 0x56                  | 0xE8              |
|                      |                               | Rx5                               | Pulsar™ Pulse Burst Radar Trans    | 4               | 0x56                  | 0xE6              |
|                      | Masoneilan                    | 12300 Series                      | Level Transmitter/Controller       | 1               | 0x65                  | 0x64              |
|                      | Mobrey                        | 3300 Series                       | Level Transmitter                  | 2               | 0x3B                  | 0x21              |
|                      |                               | MLT100*                           | Displacement level transmitter     | 1               | 0x3B                  | 0x29              |
|                      |                               | MSP400/MSP900                     | Level Transmitter                  | 4               | 0x3B                  | 0x2E              |
|                      | Ohmart/VEGA                   | DSTH/LSTH Comp                    | Gamma Radiation Level Gauges       | 1               | 0x67                  | 0xE1              |
|                      | Pepperl+Fuchs                 | LTC                               | Ultrasonice Level Tx               | 4               | 0x5D                  | 0xEC              |
|                      |                               | LUC-Mxx                           | Ultrasonice Level Tx               | 2               | 0x5D                  | 0xE5              |
|                      | Robertshaw                    | Excalibur 7000*                   | Capacitance Level Tx               | 1               | 0x5C                  | 0xC8              |

| Category             | Vendor              | Device Name <sup>1</sup>          | Application                   | Device Revision | Manufacturer ID (HEX) | Device Type (HEX) |
|----------------------|---------------------|-----------------------------------|-------------------------------|-----------------|-----------------------|-------------------|
| Level<br>(Continued) | Rosemount           | 3100 Ultrasonic level transmitter | Ultrasonic Level Transmitter  | 5               | 0x26                  | 0x50              |
|                      |                     | 3300 Series*                      | Level Tx                      | 3               | 0x26                  | 0x21              |
|                      |                     | 5300 Series*                      | Radar level                   | 3               | 0x26                  | 0x51              |
|                      |                     |                                   |                               | 4               | 0x26                  | 0x51              |
|                      |                     | 5400*                             | Radar level                   | 2               | 0x26                  | 0x43              |
|                      | Saab                | Saab Tank Radar Pro 5400 Series   | Radar Level Gauge             | 2               | 0x26                  | 0x43              |
|                      | Siemens Milltronics | SITRANS LR300                     | Radar Level                   | 1               | 0x58                  | 0xC9              |
|                      | Tracerco            | PRI 150                           | Nucleonic Level Transmitter   | 0               | 0xAE                  | 0x7F              |
|                      | VEGA                | VEGACAL62                         | Capacitance Level             | 1               | 0x62                  | 0xE3              |
|                      |                     | VEGACAL63                         | Capacitance Level             | 1               | 0x62                  | 0xE3              |
|                      |                     | VEGACAL64                         | Capacitance Level             | 1               | 0x62                  | 0xE3              |
|                      |                     | VEGACAL65                         | Capacitance Level             | 1               | 0x62                  | 0xE3              |
|                      |                     | VEGACAL66                         | Capacitance Level             | 1               | 0x62                  | 0xE3              |
|                      |                     | VEGACAL67                         | Capacitance Level             | 1               | 0x62                  | 0xE3              |
|                      |                     | VEGACAL69                         | Capacitance Level             | 1               | 0x62                  | 0xE3              |
|                      |                     | VEGAFLEX61                        | Microwave Level               | 1               | 0x62                  | 0xE7              |
|                      |                     | VEGAFLEX62                        | Microwave Level               | 1               | 0x62                  | 0xE7              |
|                      |                     | VEGAFLEX63                        | Microwave Level               | 1               | 0x62                  | 0xE7              |
|                      |                     | VEGAFLEX65                        | Microwave Level               | 1               | 0x62                  | 0xE7              |
|                      |                     | VEGAFLEX66                        | Microwave Level               | 1               | 0x62                  | 0xE7              |
|                      |                     | VEGAFLEX67                        | Microwave Level               | 1               | 0x62                  | 0xE7              |
|                      |                     | VEGAFLEX 80 series SIL            | Guided wave Level Transmitter | 3               | 0x0062                | 0x62D4            |
|                      |                     | VEGAFLEX81 (VEGAFLEX 80 Series)   | Microwave Level               | 1               | 0x0062                | 0x62D5            |
|                      |                     |                                   |                               | 2               | 0x0062                | 0x62D5            |
|                      |                     | VEGAPULS61                        | Radar Level                   | 1               | 0x62                  | 0xE8              |
|                      |                     |                                   |                               | 5               | 0x62                  | 0x62DC            |
|                      |                     | VEGAPULS62                        | Radar Level                   | 1               | 0x62                  | 0xE8              |
|                      |                     | VEGAPULS 62 - plicsplus           | Radar Level                   | 5               | 0x0062                | 0x62DB            |

| Category             | Vendor              | Device Name <sup>1</sup>    | Application                      | Device Revision | Manufacturer ID (HEX) | Device Type (HEX) |
|----------------------|---------------------|-----------------------------|----------------------------------|-----------------|-----------------------|-------------------|
| Level<br>(Continued) | VEGA<br>(Continued) | VEGAPULS63                  | Radar Level                      | 1               | 0x62                  | 0xE8              |
|                      |                     |                             |                                  | 5               | 0x62                  | 0x62DA            |
|                      |                     | VEGAPULS 64                 | Radar Level                      | 3               | 0x0062                | 0x62BE            |
|                      |                     | VEGAPULS65                  | Radar Level                      | 1               | 0x62                  | 0xE8              |
|                      |                     | VEGAPULS66                  | Radar Level                      | 1               | 0x62                  | 0xE8              |
|                      |                     | VEGAPULS67                  | Radar Level                      | 1               | 0x62                  | 0xE8              |
|                      |                     |                             |                                  | 1               | 0x62                  | 0xE8              |
|                      |                     | VEGAPULS68                  | Radar Level                      | 1               | 0x62                  | 0xE8              |
|                      |                     |                             |                                  | 5               | 0x62                  | 0x62D6            |
|                      |                     | VEGAPULS69                  | Radar Level                      | 1               | 0x0062                | 0x62C1            |
|                      |                     |                             |                                  | 3               | 0x0062                | 0x62C1            |
|                      |                     | VEGASON61                   | Ultrasonic Level Tx              | 1               | 0x62                  | 0xE6              |
|                      |                     | VEGASON62                   | Ultrasonic Level Tx              | 1               | 0x62                  | 0xE6              |
|                      |                     | VEGASON63                   | Ultrasonic Level Tx              | 1               | 0x62                  | 0xE6              |
|                      |                     | VEGAWELL52                  | Hydrostatic Level Tx             | 1               | 0x62                  | 0xDD              |
|                      |                     | VEGAWELL72                  | Hydrostatic Level Tx             | 1               | 0x62                  | 0xEB              |
| Positioner           | ABB                 | EDP300                      | Electro-Pneumatic Positioner     | 2               | 0x1A                  | 0x1A8D            |
|                      |                     | TZID                        | Electro-Pneumatic Positioner     | 1               | 0x16                  | 0x40              |
|                      |                     | TZIDC, TZIDC-200            | Electro-Pneumatic Positioner     | 1               | 0x16                  | 0x41              |
|                      | Fisher Controls     | DVC2000                     | Valve Positioner                 | 1               | 0x13                  | 0x05              |
|                      |                     | DVC 6000 series (DVC 60xx)* | Valve Positioner                 | 1               | 0x13                  | 0x03              |
|                      |                     | DVC6200/ DVC6000            | Valve Positioner                 | 1               | 0x13                  | 0x03              |
|                      |                     |                             |                                  | 2               | 0x13                  | 0x03              |
|                      |                     | DVC6200                     | Valve Positioner                 | 2               | 0x0013                | 0x1309            |
|                      |                     | DVC6200 SIS                 | Valve Positioner                 | 1               | 0x13                  | 0x0A              |
|                      |                     |                             |                                  | 2               | 0x13                  | 0x130A            |
|                      | Flowserve           | LOGIX 3200MD                | Double Acting Digital Positioner | 1               | 0x30                  | 0x05              |
|                      |                     |                             |                                  | 2               | 0x30                  | 0x05              |
|                      |                     | LOGIX 3820                  | Digital Positioner               | 60              | 0x30                  | 0x0A              |
|                      |                     |                             |                                  | 70              | 0x0030                | 0x300A            |
|                      |                     | LOGIX 520MD                 | Single Acting Digital Positioner | 2               | 0x30                  | 0x06              |
|                      |                     | LOGIX 520MD Plus            | Digital Positioner               | 47              | 0x30                  | 0x3007            |

| Category                  | Vendor                        | Device Name <sup>1</sup>          | Application                       | Device Revision | Manufacturer ID (HEX) | Device Type (HEX) |
|---------------------------|-------------------------------|-----------------------------------|-----------------------------------|-----------------|-----------------------|-------------------|
| Positioner<br>(Continued) | Flowserve<br>(Continued)      | PMV D3                            | Digital Positioner                | 1               | 0x9B                  | 0xD3              |
|                           |                               | PMV D3x                           | Digital Positioner                | 1               | 0x9B                  | 0xD3              |
|                           | Foxboro                       | SRD960                            | Positioner                        | 1               | 0x3F                  | 0x06              |
|                           |                               | SRD991*                           | Valve Positioner                  | 1               | 0x3F                  | 0x04              |
|                           |                               | SRD991                            | Valve Positioner                  | 1               | 0x3F                  | 0x04              |
|                           |                               | SRD998                            | Valve Positioner                  | 1               | 0x003F                | 0x3F08            |
|                           | Masoneilan                    | SVI I*                            | Smart Valve Interface             | 2               | 0x65                  | 0xC8              |
|                           |                               | SVI II                            | Valve Positioner & PID Controller | 1               | 0x65                  | 0xCA              |
|                           |                               | SVI II AP                         | Valve Positioner & PID Controller | 2               | 0x65                  | 0xCA              |
|                           |                               | SVI II ESD                        | Smart Valve Interface(SIL3)       | 1               | 0x65                  | 0xCB              |
|                           | Metso                         | ND800                             | Pneumatic Positioner              | 7               | 0x57                  | 0xEF              |
|                           |                               | ND800/T                           | Pneumatic Positioner              | 7               | 0x57                  | 0xEE              |
|                           |                               | ND7000                            | Digital Positioner                | 3               | 0x57                  | 0xDE              |
|                           |                               |                                   |                                   | 10              | 0x0057                | 0x57DE            |
|                           |                               | ND9000 Series<br>ND9100H, ND9200H | Valve Positioner                  | 1               | 0x57                  | 0xE5              |
|                           |                               |                                   |                                   | 2               | 0x57                  | 0xE5              |
|                           |                               |                                   |                                   | 3               | 0x57                  | 0xE5              |
|                           |                               |                                   | Valve Positioner                  | 4               | 0x57                  | 0xE5              |
|                           |                               |                                   |                                   | 10              | 0x0057                | 0x57E5            |
|                           | NAF                           | 370991                            | Valve Positioner                  | 1               | 0x3F                  | 0x04              |
|                           | Samson                        | 3730-3                            | Electro-Pneumatic Positioner      | 6               | 0x42                  | 0xEF              |
|                           |                               | 3730-6                            | Electro-Pneumatic Positioner      | 1               | 0x42                  | 0xEE              |
|                           |                               | 3780                              | HART Positioner                   | 2               | 0x42                  | 0xF9              |
|                           | Siemens                       | SIPART PS2                        | Valve Positioner                  | 4               | 0x2A                  | 0x15              |
|                           | Smar                          | FY301                             | Smart Valve Positioner            | 2               | 0x3E                  | 0x03              |
|                           | SPIRAX SARCO                  | SP301                             | Smart Valve Positioner            | 2               | 0xCA                  | 0x80              |
|                           | STI                           | Series QT                         | Digital Positioner                | 2               | 0xD8                  | 0x81              |
|                           | Tyco Valves & Conrols         | AVID SmartCal                     | Valve Positioner                  | 1               | 0xAB                  | 0x01              |
|                           | Westlock Controls Corporation | ICOT*                             | Positioner                        | 5               | 0x4D                  | 0x01              |

| Category | Vendor                  | Device Name <sup>1</sup>                             | Application                                   | Device Revision | Manufacturer ID (HEX) | Device Type (HEX) |
|----------|-------------------------|------------------------------------------------------|-----------------------------------------------|-----------------|-----------------------|-------------------|
| Pressure | ABB                     | 2600T Series 261xx                                   | Pressure and Level                            | 1               | 0x1A                  | 0x8C              |
|          |                         | 2600T Series 262/264                                 | Pressure and Level                            | 1               | 0x1A                  | 0x04              |
|          |                         |                                                      |                                               | 2               | 0x1A                  | 0x04              |
|          |                         | 2600T Series 263/265, 2010TA, 2010TD, 2020TA, 2020TG | Pressure and Level                            | 2               | 0x1A                  | 0x89              |
|          |                         | 266                                                  | Pressure Tx                                   | 1               | 0x1A                  | 0x07              |
|          |                         |                                                      |                                               | 2               | 0x001A                | 0x1A07            |
|          |                         | 2600T 266-MV                                         | Multivariable Transmitter                     | 1               | 0x1A                  | 0x8E              |
|          |                         | 2600T Series 267/269, 2010TC                         | Multivariable Transmitter                     | 2               | 0x1A                  | 0x8A              |
|          |                         | 268-2600T                                            | Safety Pressure Transmitter                   | 3               | 0x1A                  | 0x03              |
|          |                         |                                                      |                                               | 4               | 0x1A                  | 0x03              |
|          |                         | 364-2600T                                            | Pressure Tx                                   | 1               | 0x1A                  | 0x05              |
|          |                         | AS800                                                | Pressure Tx                                   | 2               | 0x16                  | 0x85              |
|          | Accutech                | VR-1500*                                             | Pressure and Differential Pressure            | 1               | 0x5E                  | 0xEE              |
|          | Anderson Instrument Co. | ANDRSN1 (T Series)*                                  | Pressure Transmitter                          | 1               | 0x5A                  | 0xC8              |
|          | APLISENS                | APR2000                                              | Differential Pressure                         | 1               | 0xBC                  | 0x7F              |
|          | BD SENSORS              | HMP 331                                              | Process Pressure Transmitter                  | 1               | 0xB9                  | 0x00              |
|          |                         | x act                                                | New Process Pressure Transmitter with Display | 1               | 0xB9                  | 0x32              |
|          | Bourdon-Haenni          | FlexBar 3501*                                        | Pressure Transmitter                          | 1               | 0x60                  | 0xED              |
|          |                         | FlexBar 816x*                                        | Pressure Transmitter                          | 1               | 0x60                  | 0xEE              |
|          | Druck                   | RTX 1000H Gauge                                      | Gauge Pressure                                | 1               | 0x47                  | 0xE9              |
|          | Duon System             | APT3100                                              | Smart Pressure Transmitter                    | 2               | 0x86                  | 0x6B              |
|          |                         | APT3200                                              | Smart Pressure Transmitter                    | 2               | 0x86                  | 0x61              |
|          | Dynisco Instruments     | IPX II Series*                                       | Pressure/Temperature                          | 1               | 0x72                  | 0xDF              |
|          | Endress+Hauser          | Cerabar M / PMx 4x / V1.0 ... V1.2                   | Gauge and Relative Pressure                   | 1               | 0x11                  | 0x0E              |
|          |                         | Cerabar M 5x / PMx 5x / V1.00.xx                     | Gauge and Relative Pressure                   | 1               | 0x11                  | 0x19              |
|          |                         | Cerabar S / PMx 7x / V02.00                          | Gauge and Relative Pressure                   | 20              | 0x11                  | 0x18              |

| Category                | Vendor                        | Device Name <sup>1</sup>         | Application                        | Device Revision | Manufacturer ID (HEX) | Device Type (HEX) |
|-------------------------|-------------------------------|----------------------------------|------------------------------------|-----------------|-----------------------|-------------------|
| Pressure<br>(Continued) | Endress+Hauser<br>(Continued) | Cerabar S / PMx 7x / V02.10.xx   | Gauge and Relative Pressure        | 21              | 0x11                  | 0x18              |
|                         |                               | Cerabar S / PMx 7x / V02.20.zz   | Gauge and Relative Pressure        | 22              | 0x11                  | 0x18              |
|                         |                               | Cerabar S / PMx 7x / FW 2.30.zz  | Gauge and Relative Pressure        | 23              | 0x0011                | 0x1118            |
|                         |                               | Cerabar S / PMx x3x / V7.1       | Gauge and Relative Pressure        | 7               | 0x11                  | 0x07              |
|                         |                               | Deltabar FMD 72                  | Differential Pressure              | 1               | 0x11                  | 0x27              |
|                         |                               | Deltabar M / PMD55 / V1.00.xx    | Differential Pressure              | 1               | 0x11                  | 0x21              |
|                         |                               | Deltabar S / xMD 7x / V02.00     | Differential Pressure              | 20              | 0x11                  | 0x17              |
|                         |                               | Deltabar S / xMD 7x / V02.10.xx  | Differential Pressure              | 21              | 0x11                  | 0x17              |
|                         |                               | Deltabar S / xMD 7x / FW 2.20.zz | Differential Pressure              | 22              | 0x0011                | 0x0017            |
|                         |                               | Deltabar S / xMD 7x / FW 2.30.zz | Differential Pressure              | 23              | 0x0011                | 0x1117            |
|                         |                               | Deltabar S / xMD x3x / V7.1      | Differential Pressure              | 7               | 0x11                  | 0x09              |
|                         | Foxboro                       | IA Series*                       | Pressure and Level Trans. Family   | 1               | 0x14                  | 0x2E              |
|                         |                               |                                  |                                    | 2               | 0x14                  | 0x2E              |
|                         |                               |                                  |                                    | 3               | 0x14                  | 0x2E              |
|                         | Fuji                          | FCX-AII*                         | Pressure Transmitter               | 1               | 0x15                  | 0x02              |
|                         | GP:50 New York Ltd.           | 430RHAA*                         | Pressure/Temp Transmitter          | 1               | 0xBF                  | 0x7C              |
|                         | Honeywell                     | SmartLine ST 700                 | Pressure Transmitter               | 3               | 0x0017                | 0x1721            |
|                         |                               | ST 800                           | Pressure Transmitter               | 4               | 0x0017                | 0x1720            |
|                         |                               | ST3000*                          | Smart Pressure                     | 2               | 0x17                  | 0x01              |
|                         | Labom                         | PASCAL Clx01x                    | Pressure and Differential Pressure | 1               | 0x7F                  | 0x3C              |
|                         | Metran                        | METRAN-100                       | Smart Pressure Family              | 1               | 0x99                  | 0x7F              |
|                         | Paper Machine Components      | SMT-EL*                          | Pressure Transmitter               | 1               | 0x7E                  | 0xE0              |
|                         | Rosemount                     | 1151*                            | Differential Pressure              | 6               | 0x26                  | 0x03              |
|                         |                               | 2051*                            | Pressure Transmitter               | 3               | 0x26                  | 0x55              |

| Category             | Vendor                | Device Name <sup>1</sup> | Application                           | Device Revision | Manufacturer ID (HEX) | Device Type (HEX) |
|----------------------|-----------------------|--------------------------|---------------------------------------|-----------------|-----------------------|-------------------|
| Pressure (Continued) | Rosemount (Continued) | 2051                     | Pressure Transmitter                  | 9               | 0x26                  | 0x55              |
|                      |                       |                          | Pressure Transmitter                  | 10              | 0x0026                | 0x2655            |
|                      |                       | 2088*                    | Absolute Pressure Tx with Remote Seal | 3               | 0x26                  | 0x23              |
|                      |                       | 2090*                    | Absolute Pressure Transmitter         | 3               | 0x26                  | 0x27              |
|                      |                       | 3051C*                   | Differential Pressure                 | 3               | 0x26                  | 0x06              |
|                      |                       |                          |                                       | 9               | 0x26                  | 0x06              |
|                      |                       | 3051C                    | Differential Pressure                 | 10              | 0x26                  | 0x2606            |
|                      |                       | 3051LP*                  | Differential Pressure                 | 1               | 0x26                  | 0x0F              |
|                      |                       | 3051S*                   | Differential Pressure                 | 7               | 0x26                  | 0x06              |
|                      |                       | 3051S Diag               | Pressure Transmitter                  | 3               | 0x26                  | 0x4A              |
|                      |                       | 3051S ERS*               | Differential Pressure                 | 1               | 0x26                  | 0x5E              |
|                      |                       | 4600*                    | Pressure Transmitter                  | 1               | 0x26                  | 0x38              |
|                      | Satron Instruments    | V-Series*                | Pressure Transmitter                  | 2               | 0x2F                  | 0x01              |
|                      |                       |                          | Pressure Transmitter                  | 1               | 0xB6                  | 0x7F              |
|                      | Siemens               | SITRANS P DS series*     | Pressure Transmitter                  | 3               | 0x2A                  | 0x0B              |
|                      |                       | SITRANS P MS series*     | Pressure Transmitter                  | 1               | 0x2A                  | 0x0D              |
|                      | Smar                  | LD291                    | Pressure Transmitter                  | 3               | 0x3E                  | 0x04              |
|                      |                       | LD301*                   | Smart Pressure Transmitter            | 3               | 0x3E                  | 0x01              |
|                      |                       |                          |                                       | 4               | 0x3E                  | 0x01              |
|                      | VALCOM S.r.l.         | T7N                      | Pressure Transmitter                  | 2               | 0x6F                  | 0x00              |
|                      | VEGA                  | VEGABar52                | Hydrostatic Level                     | 1               | 0x62                  | 0xE2              |
|                      |                       | VEGABar53                | Hydrostatic Level                     | 1               | 0x62                  | 0xE2              |
|                      |                       | VEGABar54                | Hydrostatic Level                     | 1               | 0x62                  | 0xE2              |
|                      |                       | VEGABAR61                | Hydrostatic Level                     | 1               | 0x62                  | 0xE2              |
|                      |                       | VEGABar64                | Hydrostatic Level                     | 1               | 0x62                  | 0xE2              |
|                      |                       | VEGABar65                | Hydrostatic Level                     | 1               | 0x62                  | 0xE2              |
|                      |                       | VEGABar66                | Hydrostatic Level                     | 1               | 0x62                  | 0xE2              |
|                      |                       |                          |                                       | 2               | 0x62                  | 0xE2              |
|                      |                       | VEGABar67                | Hydrostatic Level                     | 1               | 0x62                  | 0xE2              |
|                      |                       | VEGABAR 80 Series        | Pressure Transmitter                  | 1               | 0x0062                | 0x62C3            |
|                      |                       |                          |                                       | 3               | 0x0062                | 0x62C3            |



| Category                | Vendor              | Device Name <sup>1</sup>                 | Application                       | Device Revision | Manufacturer ID (HEX) | Device Type (HEX) |
|-------------------------|---------------------|------------------------------------------|-----------------------------------|-----------------|-----------------------|-------------------|
| Pressure<br>(Continued) | VEGA<br>(Continued) | VEGABAR 80 series SIL                    | Pressure Transmitter              | 3               | 0x0062                | 0x62C2            |
|                         | Viatran             | 970*                                     | Pressure Transmitter              | 2               | 0x32                  | 0x01              |
|                         | Yamatake            | PTG*                                     | Pressure Transmitter              | 1               | 0x36                  | 0x05              |
|                         |                     | ST3000 Series 900*                       | Pressure Transmitter              | 1               | 0x36                  | 0x02              |
|                         | Yokogawa            | EJA-NEXT                                 | Differential Pressure Transmitter | 10              | 0x0037                | 0x375C            |
|                         |                     | EJAx Series*                             | Differential Pressure Transmitter | 2               | 0x37                  | 0x04              |
|                         |                     | EJX series*                              | Differential Pressure Transmitter | 1               | 0x37                  | 0x51              |
|                         |                     | EJX                                      | Differential Pressure Transmitter | 3               | 0x37                  | 0x51              |
|                         |                     | EJX*                                     | Differential Pressure Transmitter | 10              | 0x37                  | 0x3751            |
| Temperature             | ABB                 | TH02(-EX), TH102<br>(-EX), TH202(-EX)    | Temperature Transmitter           | 1               | 0x16                  | 0x08              |
|                         |                     | TSP341-N                                 | Temperature Transmitter           | 1               | 0x001A                | 0x1A0E            |
|                         |                     | TTX200                                   | Temperature Transmitter           | 2               | 0x1A                  | 0x0D              |
|                         |                     | TTX300                                   | Temperature Transmitter           | 1               | 0x1A                  | 0x0B              |
|                         |                     |                                          |                                   | 2               | 0x1A                  | 0x0B              |
|                         | Accutech            | AI-1500*                                 | Temperature Transmitter           | 1               | 0x5E                  | 0xEF              |
|                         | Bourdon-Haenni      | FlexTop 2221*                            | Universal Transmitter             | 2               | 0x60                  | 0xEF              |
|                         | Duon System         | ATT2200                                  | Temperature Transmitter           | 2               | 0x86                  | 0x75              |
|                         | Endress+Hauser      | iTemp / TMT82 / FW<br>1.01.zz            | Temperature transmitter           | 2               | 0x0011                | 0x11CC            |
|                         |                     | iTemp / TMT 122 / V1.1                   | Temperature Transmitter           | 2               | 0x11                  | 0xC9              |
|                         |                     | iTemp / TMT 142 /<br>V1.03.00            | Temperature Transmitter           | 2               | 0x11                  | 0xCB              |
|                         |                     | iTEMP / TMT 162 /<br>V1.03.00            | Temperature Transmitter           | 2               | 0x11                  | 0xCA              |
|                         |                     | iTEMP / TMT162 /<br>V4.01.zz             | Temperature Transmitter           | 4               | 0x0011                | 0x11CE            |
|                         |                     | iTemp / TMT 182 / V1.1                   | Temperature Transmitter           | 2               | 0x11                  | 0xC8              |
|                         |                     | TrustSens / TM371-<br>TM372 / FW 1.00.zz | Temperature Transmitter           | 1               | 0x0011                | 0x11CF            |
|                         | Foxboro             | RTT 15*                                  | Temperature Transmitter           | 1               | 0x14                  | 0x38              |
|                         |                     | RTT 20                                   | Temperature Transmitter           | 1               | 0x3F                  | 0x03              |
|                         | Fuji                | FRC*                                     | Temperature Transmitter           | 1               | 0x15                  | 0x81              |

| Category                   | Vendor             | Device Name <sup>1</sup> | Application                              | Device Revision | Manufacturer ID (HEX) | Device Type (HEX) |
|----------------------------|--------------------|--------------------------|------------------------------------------|-----------------|-----------------------|-------------------|
| Temperature<br>(Continued) | Honeywell          | STT17H*                  | Temperature Transmitter                  | 1               | 0x17                  | 0x07              |
|                            |                    | STT25H*                  | Temperature Transmitter                  | 1               | 0x17                  | 0x04              |
|                            |                    | STT25T*                  | Dual Input Transmitter                   | 1               | 0x17                  | 0x02              |
|                            |                    | STT850                   | Temperature Transmitter                  | 4               | 0x0017                | 0x1722            |
|                            | Inor Process AB    | Meso-L/Meso-LX*          | Temperature Transmitter                  | 1               | 0x5B                  | 0xEF              |
|                            | Krohne             | TT50C/R*                 | Temperature Transmitter                  | 1               | 0x45                  | 0xDB              |
|                            | M-System Co., Ltd. | 27HU                     | 2-Wire Universal Input Transmitter       | 1               | 0x1D                  | 0x03              |
|                            |                    | B3HU*                    | 2-Wire Universal Temperature Transmitter | 1               | 0x1D                  | 0x02              |
|                            |                    | B6U*                     | 2-Wire Universal Input Transmitter       | 1               | 0x1D                  | 0x01              |
|                            | Metran             | METRAN-280               | Smart Temperature Family                 | 1               | 0x99                  | 0x7E              |
|                            | Moore              | THZ / TDZ                | Smart Temperature Transmitter            | 1               | 0x20                  | 0x03              |
|                            | PR electronics     | Pretop 5335*             | Head Mounted Temp. Transmitter           | 1               | 0x6D                  | 0xEF              |
|                            |                    | Pretrans 6335*           | Rail Mounted Temp. Transmitter           | 1               | 0x6D                  | 0xEE              |
|                            | Pyrom ation, Inc.  | Series 442*              | Programmable Temp. Transmitter           | 2               | 0xB5                  | 0x7F              |
|                            |                    | Series 642               | Programmable Temp. Transmitter           | 2               | 0xB5                  | 0x80              |
|                            | Rosemount          | 248*                     | Temperature Transmitter                  | 1               | 0x26                  | 0x3B              |
|                            |                    |                          | Temperature Transmitter                  | 2               | 0x26                  | 0x3B              |
|                            |                    | 3144P*                   | Temperature Transmitter                  | 3               | 0x26                  | 0x19              |
|                            |                    |                          | SIL2 Certified Temperature Transmitter   | 4               | 0x26                  | 0x19              |
|                            |                    | 3144P                    | Temperature Transmitter                  | 5               | 0x26                  | 0x19              |
|                            |                    |                          |                                          | 6               | 0x0026                | 0x2619            |
|                            |                    | 644*                     | Temperature Transmitter                  | 6               | 0x26                  | 0x18              |
|                            |                    |                          |                                          | 7               | 0x26                  | 0x18              |
|                            |                    | 644                      | Temperature Transmitter                  | 9               | 0x26                  | 0x2618            |
|                            |                    |                          |                                          | 8               | 0x26                  | 0x18              |
|                            | Rossel Messtechnik | RT-H                     | Temperature Ex                           | 1               | 0x6A                  | 0xEF              |
|                            |                    | RT-RH                    | Temperature Ex                           | 1               | 0x6A                  | 0xEE              |
|                            | Siemens            | SITRANS TH300            | Temperature Transmitter                  | 1               | 0x2A                  | 0x13              |
|                            |                    | SITRANS TK-H*            | Head Mounted Transmitter                 | 2               | 0x2A                  | 0x12              |
|                            | Smar               | TT301*                   | Temperature Transmitter                  | 3               | 0x3E                  | 0x02              |

| Category                | Vendor                        | Device Name <sup>1</sup> | Application                       | Device Revision | Manufacturer ID (HEX) | Device Type (HEX) |
|-------------------------|-------------------------------|--------------------------|-----------------------------------|-----------------|-----------------------|-------------------|
| Temperature (Continued) | Status Instruments            | SEM31x*                  | Temperature Transmitter           | 1               | 0x84                  | 0xEF              |
|                         | S-Products                    | MP82700-H                | Temperature Transmitter           | 5               | 0xAA                  | 0x01              |
|                         | Turck                         | IM34                     | Temperature Ex                    | 1               | 0x9C                  | 0x12              |
|                         | VALCOM S.r.l.                 | T7-MPX                   | Multipoint (Multiplxr) Temp Trans | 2               | 0x6F                  | 0x28              |
|                         | WIKA                          | T32*                     | Temperature Transmitter           | 2               | 0x6B                  | 0xEF              |
|                         |                               | T32                      | Temperature Transmitter           | 3               | 0x6B                  | 0xEF              |
|                         | Yamatake                      | ATT60*                   | Temperature Transmitter           | 1               | 0x36                  | 0x04              |
|                         | Yokogawa                      | YTA70E                   | Temperature Transmitter           | 1               | 0x37                  | 0x0A              |
|                         |                               | YTAxV2*                  | Temperature Transmitter           | 2               | 0x37                  | 0x09              |
| Various                 | Fisher Controls               | Position Xmitter         | Position Transmitter              | 1               | 0x13                  | 0x00              |
|                         | Metso                         | SG9000                   | ON/OFF Valve Controller           | 1               | 0x57                  | 0xD5              |
|                         |                               | VG800                    | ESD Valve                         | 6               | 0x57                  | 0xEB              |
|                         |                               | VG9000H                  | Safety Valve Controller           | 1               | 0x57                  | 0xD9              |
|                         |                               |                          |                                   | 2               | 0x57                  | 0xD9              |
|                         | Smar                          | TP301                    | Position Transmitter              | 1               | 0x3E                  | 0x05              |
|                         | Sterling                      | SIHIDetect100            | Vibration Measurement             | 3               | 0xFA                  | 0x82              |
|                         | Val Controls                  | IVC24                    | Valve Controller                  | 2               | 0x602E                | 0xE1F0            |
|                         |                               | IDC24                    | Diagnostic Controller             | 3               | 0x602E                | 0xE2FA            |
|                         | Westlock Controls Corporation | EPIC*                    | Position Transmitter              | 5               | 0x4D                  | 0x03              |

<sup>1</sup> For assignment of possible hardware and software versions, contact the manufacturer.

\* Denotes the device types integrated with ABB Third Party DTM Library. These device types are available in a smart pack with document ID 2PAA105430SXX.

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