

FV4000, FS4000

Vortex Flowmeter / Swirl Flowmeter

Integral mount design VT4 / ST4
and remote mount design
VR4 / SR4

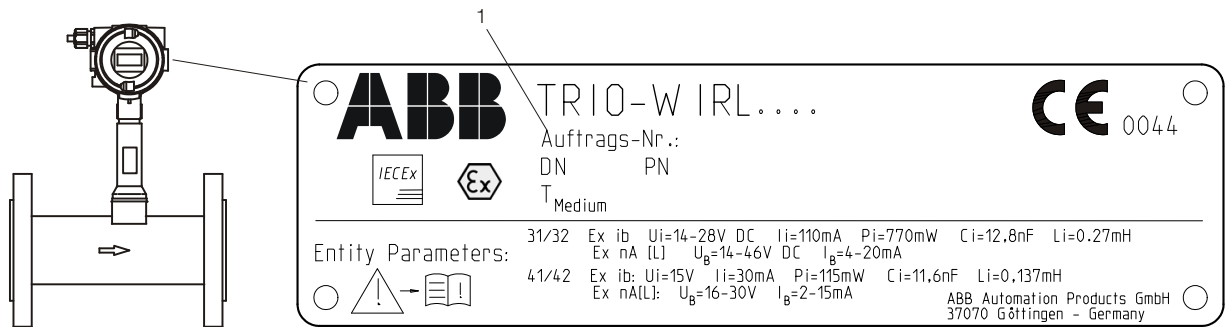


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1 Name plate specifications for spare parts orders

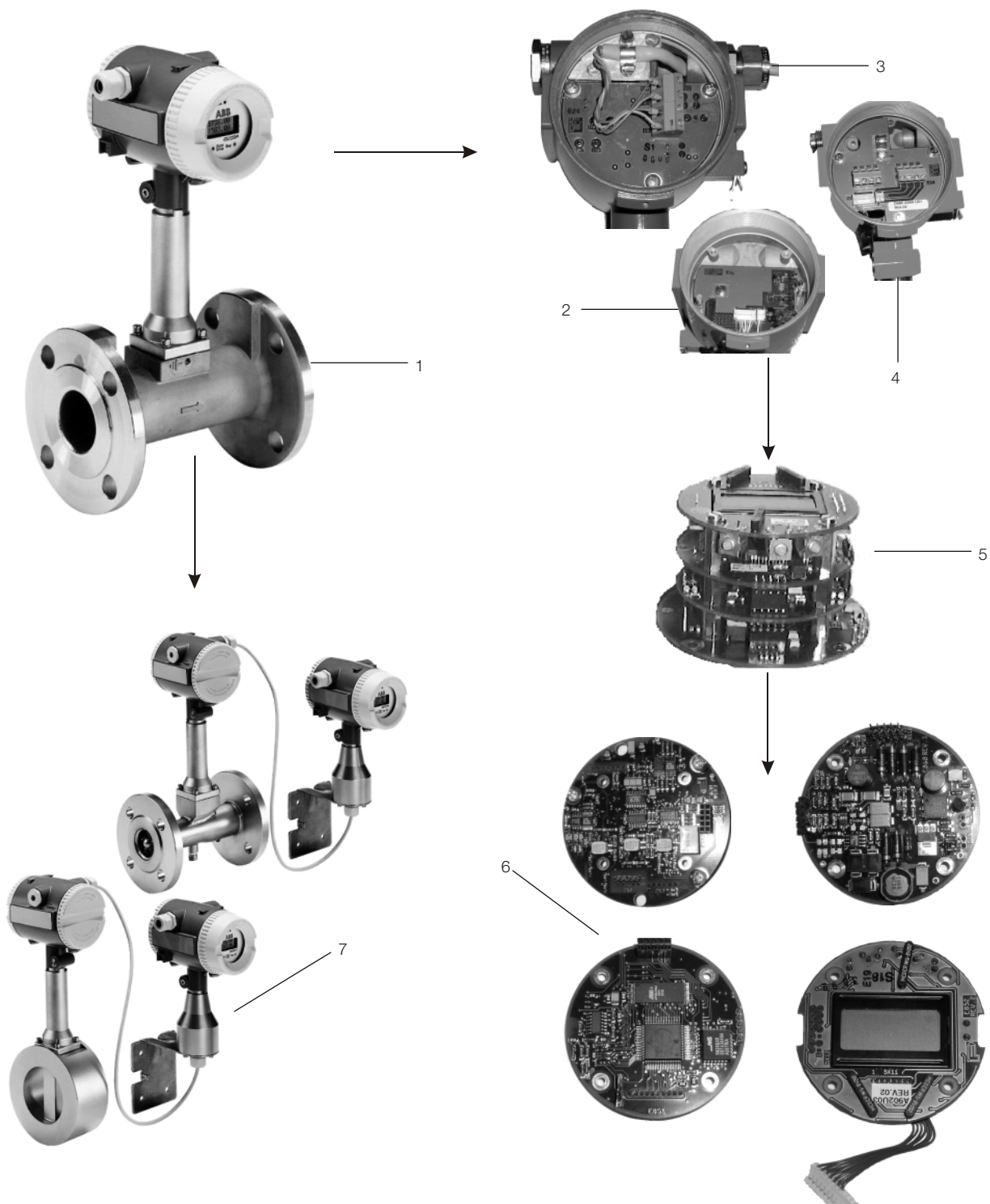
The flowmeter version can be identified by referring to the name plate that is attached to the housing.
When placing spare parts orders, always remember to state the order number as shown on the name plate.



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Fig. 1: Name plate
1 Order number

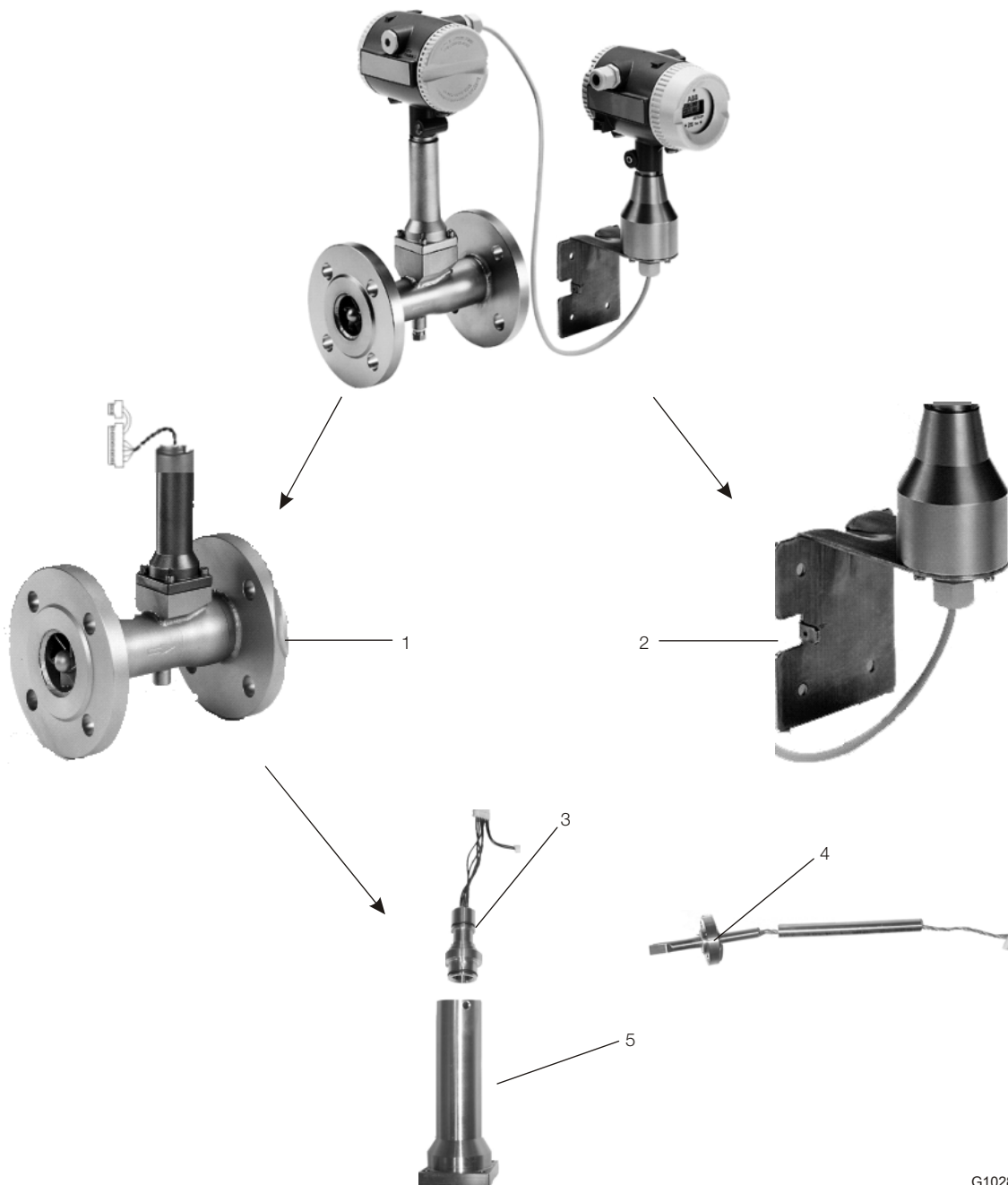
2 Overview



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Fig. 2: Overview

1 Flowmeter VT / ST | 2 Sensorboard | 3 Connection board VT | 4 Connection board VR | 5 Slide-in conv. | 6 Boards | 7 Flowmeter VR / SR



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Fig. 3: Overview

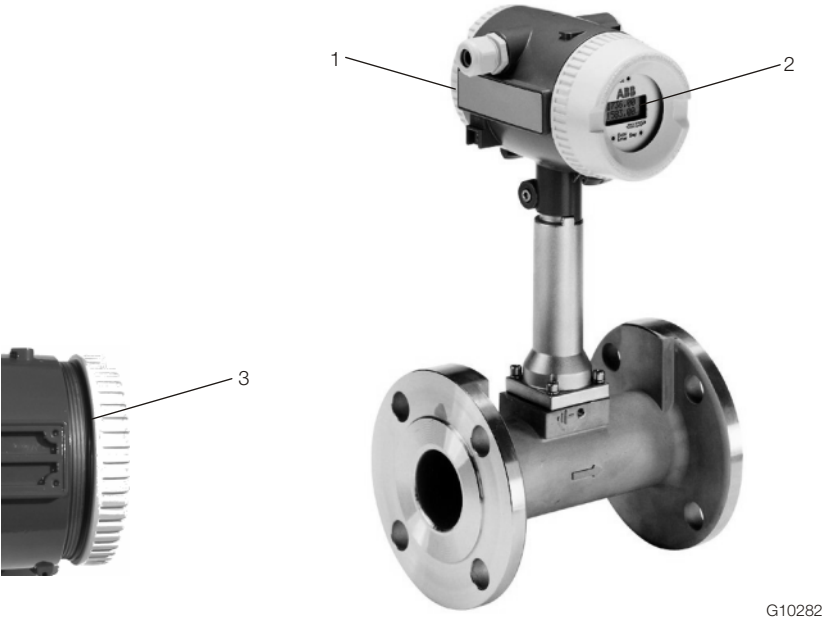
1 Base complete | 2 Converter bracket | 3 Adapter for sensor | 4 Sensor | 5 Base



IMPORTANT (NOTE)

All prices on inquiry!

2.1 Flowmeter V_4 / S_4

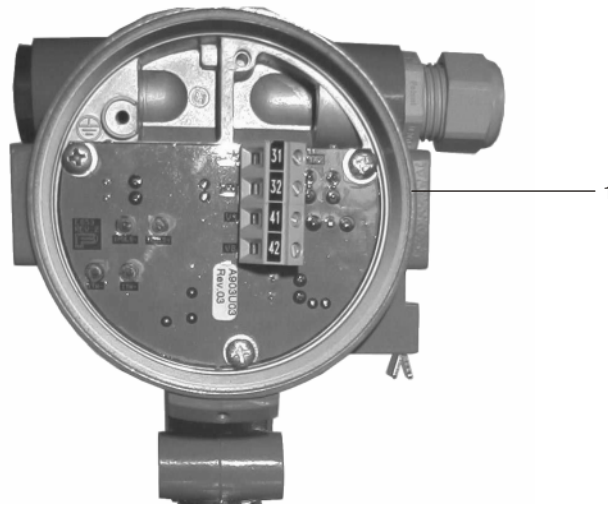


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Fig. 4

Position	Name of part	Variant	Order number	Weight kg (lb)	Price (€)
1-3	Set includes position 1 ... 3	Standard	D614L990U01	-	
1-3	Set includes position 1 ... 3	Ex	D614L990U05	-	

2.2 Housing

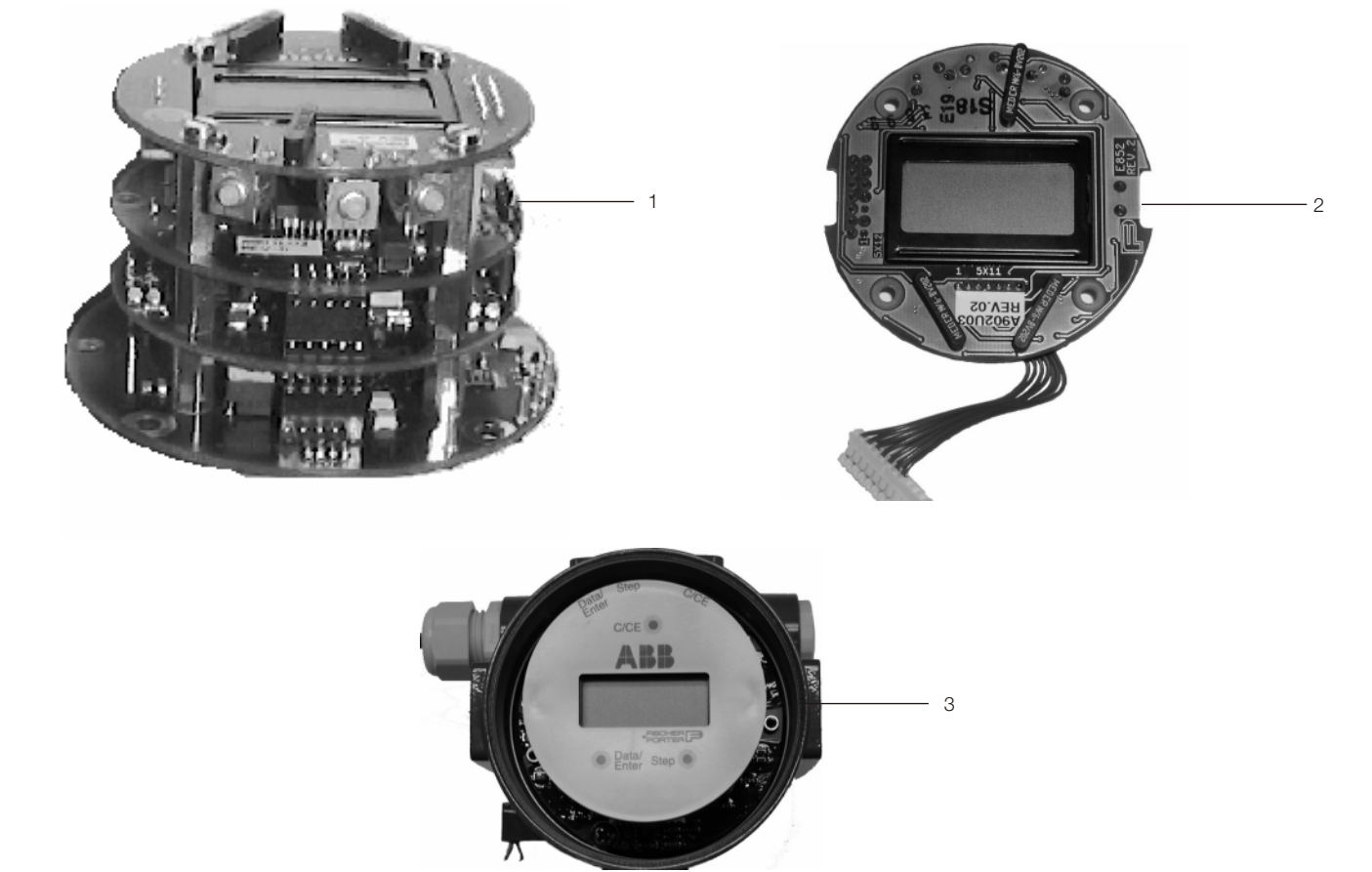


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Fig. 5

Position	Name of part	Variant	Order number	Weight kg (lb)	Price (€)
1	Connection box M20 x 1,5 ST / EX / ST PA / FF	VT4	D670A028U09	-	
	Connection box 1/2" NPT ST / EX / ST PA / FF	VT4	D670A028U10	-	
	Connection box, inst. 1/2" NPT EX DRF HART V.4.C	VT4_	D670A038U03	-	
	Connection box inst. M20 x 1,5 ST / EX HART V.4.C	VT4_	D670A038U01	-	
	Connection box inst. 1/2" NPT ST / EX HART V.4.C	VT4_	D670A038U02	-	
	Connection box inst. VR4000 M20 X 1,5 STAND / EX	VR	D670A029U01	-	
	Connection box inst. VR4000 1/2"NPT STAND / 4EX	VR	D670A029U02	-	
	Connection box inst. VR4000 M20 X 1,5 EX EIGNS.	VR	D670A029U03	-	
	Connection box inst. VR4000 1/2"NPT EX EIGNS.	VR	D670A029U04	-	
	Anschlusskasten vorm. VR4000 M20 X 1,5 EX DRUCKF	VR	D670A029U05	-	
	Connection box inst. VR4000 1/2"NPT EX DRUCKF	VR	D670A029U06	-	
	Connection box inst. VR4000 M20 X 1,5 EX FM / CSA	VR	D670A029U07	-	
	Connection box inst. VR4000 1/2"NPT EX FM / CSA	VR	D670A029U08	-	
	Connection box inst. M20 X 1,5 ST/EX Red- RAL2002 V / SR	VR	D670A029U09	-	
	Connection box inst. 1/2"NPT STD / EXI RAL5015	VR	D670A029U10	-	

2.3 Slide-in converter



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Fig. 6

Position	Name of part	Variant	Order number	Weight kg (lb)	Price (€)
1	Slide-in conv. FF	-	D674A659U13	-	
	Slide-in conv. PA	-	D674A659U14	-	
	Slide-in conv. 10VT4_ HART	-	D674A659U12	-	
	Replacements ATEX				
2	Display board	-	D685A902U03	-	
	Display board FF / PA	-	D685A1011U01	-	
3	Cover (front board)	-	D355L034U02	-	

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IMPORTANT (NOTE)
Ex approval (ATEX) has changed.
With Ex, the plug-in modules are only supplied with a re-specification and a new housing.

2.4 Base complete

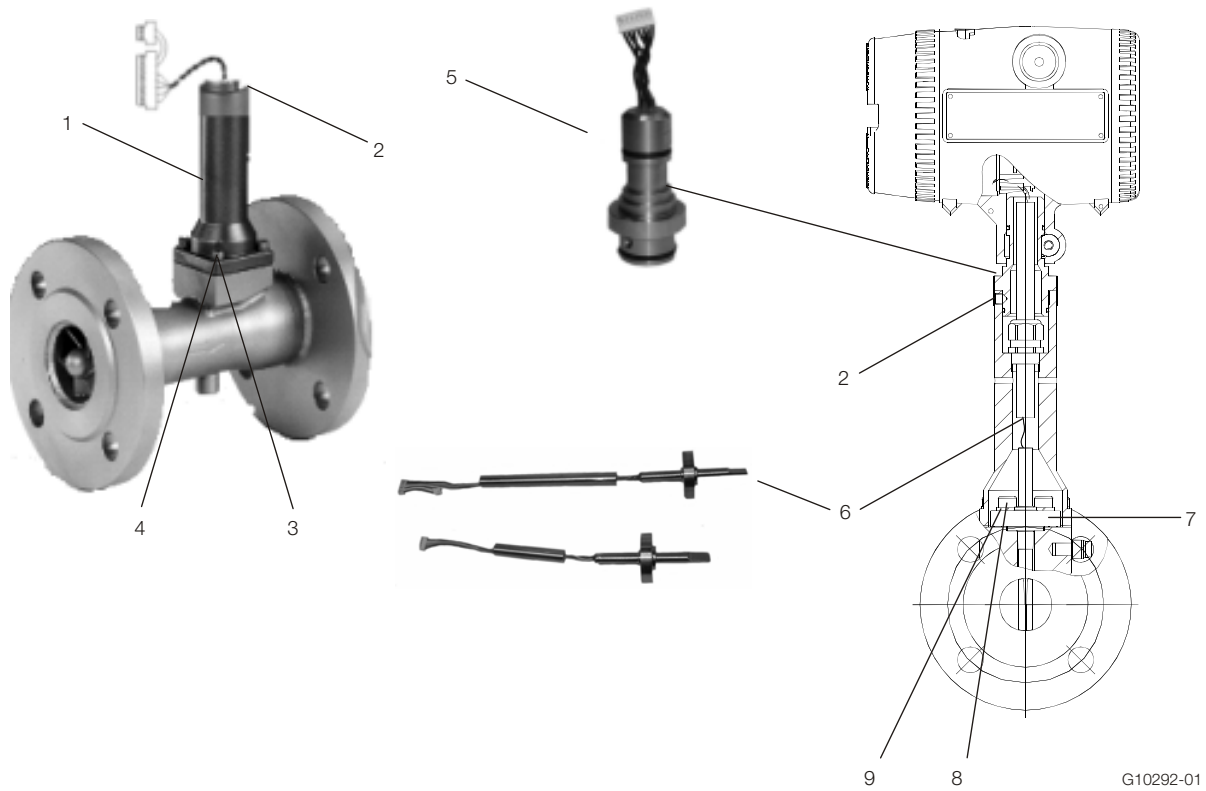


Fig. 7

Position	Name of part	Variant	Order number	Weight kg (lb)	Price (€)
1	Base	Standard / Ex	D355A155U01	-	
	Base (DN 50 / 300 LB)	Standard / Ex	D355A156U01	-	
	Base complete without Loctite	-	D618A091U01	-	
	Base complete kit (DN 50 / 300 LB) without Loctite	-	D618A091U02	-	
2	Threaded rod M6 x 6	-	D020J106AU20	-	
3	Cheese-head screw M5 x 16	-	D009H112AU20	-	
4	Spring washer 5.0	-	D085C023BU20	-	
5	Adaptor for sensor complete	Standard / Ex ib	D633A043U05	-	
6	Opti. Piezo sensor 1.4571 OR-NUT VIBRATK.- 3.1B	Std. / Ex i / Ex d / FM / CS	D693B082U01	-	
	Opti. Piezo sensor 1.4571 VIBRATK.- 3.1B	Ex d / FM / CSA	D693B082U02	-	
	Opti. Piezo sensor compl. 1.4571 - 3.1B PT100	Ex d / FM / CSA	D693B043U32L4	-	
	Opti. Piezo sensor compl. 1.4571 - 3.1B OR_NUT PT100	Std. / Ex i / Ex d / FM / CS	D693B043U30L4	-	
	Piezo sensor 6-hole 6 x M6, 1.4571 V_4 HT 400 °C without PT100	Ex d	D693B051U21	-	
	Piezo sensor 1.4571-3.1B 400 °C	Standard	D693B080U01	-	

Position	Name of part	Variant	Order number	Weight kg (lb)	Price (€)
7	O-ring 10.76 x 2.62 VITON	-	101V709	-	
	O-ring 10.77 x 2.62 KALREZ 0° ... 280°	-	D101K002U01	-	
	O-ring 10.77 x 2.62 KALREZ -20° ... 275°	-	D101K004U01		
	O-ring 10.77 x 2.62 PTFE	-	D101C001U01		
	Washer 20 x 10 x 1 NOVAPH.SSTC	-	D333C126U01	-	
8	Cheese head screw M6 x 16 -3.1A	-	D009J112AU28		
	Cheese head screw M6 x 16 -3.1B	-	D029J112AU26		
9	Spring washer 6.0	-	D085L026ZU20	-	

2.5 Converter bracket



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Fig. 8

Position	Name of part	Variant	Order number	Weight kg (lb)	Price (€)
	Wall bracket 4-ADR M20 X 1,5 VR4	Standard	D612A163U01	-	
	Wall bracket 4-ADR 1/2"NPT VR4	Standard	D612A163U02	-	
	Wall bracket 8-ADR M20 X 1,5 VR4	Standard	D612A163U03	-	
	Wall bracket 8-ADR 1/2"NPT VR4	Standard	D612A163U04	-	
	Wall bracket 4-ADR M20 X 1,5 VR4	Ex I	D612A163U05	-	
	Wall bracket 4-ADR 1/2"NPT VR4	Ex I	D612A163U06	-	
	Wall bracket 4-ADR 1/2"NPT VR4	Ex D	D612A163U09	-	
	Wall bracket 8-ADR 1/2"NPT VR4	Ex D	D612A163U10	-	

Notes

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