



Model Number

IQH1-F198-V1

HF read/write head, ISO 15693, for IDENTControl

Features

- Operating frequency 13.56 MHz
- Conforms to ISO 15693
- Suitable for FRAM transponder
- Particularly flat construction
- Connection cable with V1 plug (M12 x 1)
- Degree of protection IP67
- For connection to IDENTControl control interface

Accessories

IQC21-30P

Data carrier

IQC21-50P

Data carrier

IQC21-58

Data carrier

IQC33-20

Data carrier

IQC22-C1

Data carrier

IQC33-30

Data carrier

IQC33-50

Data carrier

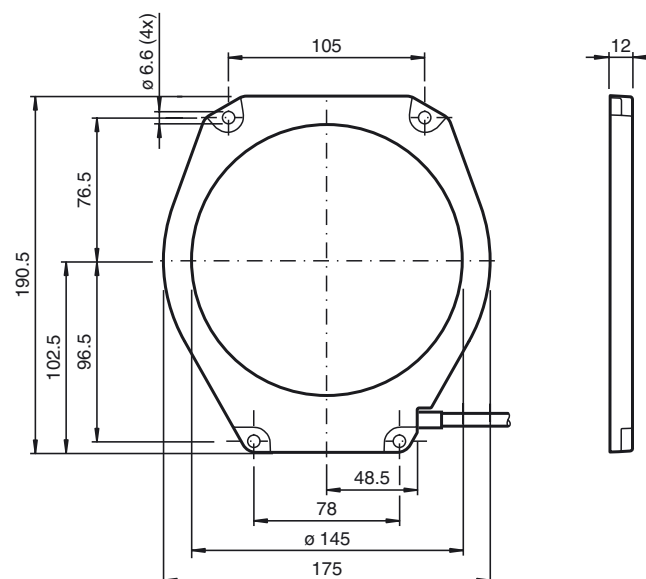
V1-G-5M-PUR-ABG-V1-W

Connecting cable, M12 to M12, PUR cable 4-pin, shielded

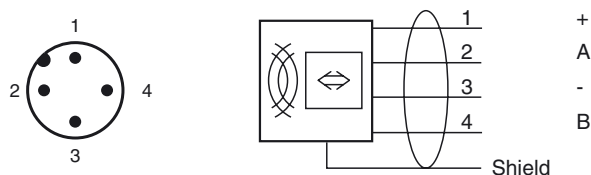
V1-G-10M-PUR-ABG-V1-W

Connecting cable, M12 to M12, PUR cable 4-pin, shielded

Dimensions



Electrical connection



Technical data

General specifications

Operating frequency	13.56 MHz
Transfer rate	26 kBit/s
Sensing range	
Read distance	0 ... 150 mm
Write distance	0 ... 150 mm
Width	max. 145 mm

Indicators/operating means

LED green/yellow	green: power on green flashing: read/write attempt performed yellow: data carrier detected
------------------	--

Electrical specifications

Power consumption	P_0	$\leq 1.3 \text{ W}$
Supply	from the IDENTControl	

Ambient conditions

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
Storage temperature	-40 ... 85 °C (-40 ... 185 °F)

Compliance with standards and directives

Directive conformity		
R&TTE Directive 1995/5/EC	EN 301489-1:2011 V1.9.2, EN 301489-3:2013 V1.6.1, EN 300330-2:2015 V1.6.1, EN 60950-1:2006	
Standard conformity		
Electromagnetic compatibility	EN 61000-6-2:2005, EN 61000-6-4:2006	
Degree of protection	EN 60529	
RFID	ISO/IEC 15693-2:2006, ISO/IEC 15693-3:2009, ISO/IEC 18000-3,	

Approvals and certificates

FCC approval	<p>This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:</p> <p>(1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.</p> <p>Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.</p>
IC approval	<p>This device complies with Industry Canada licence-exempt RSS standard(s) and with part 15 of the FCC Rules. Operation is subject to the following two conditions:</p> <p>(1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.</p> <p>Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :</p> <p>(1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.</p>
Radio approval	<p>USA: FCC IREIQH1F198V1 Canada: IC 7037A-IQH1F198V1</p>

Notes

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.