



RFID read/write device

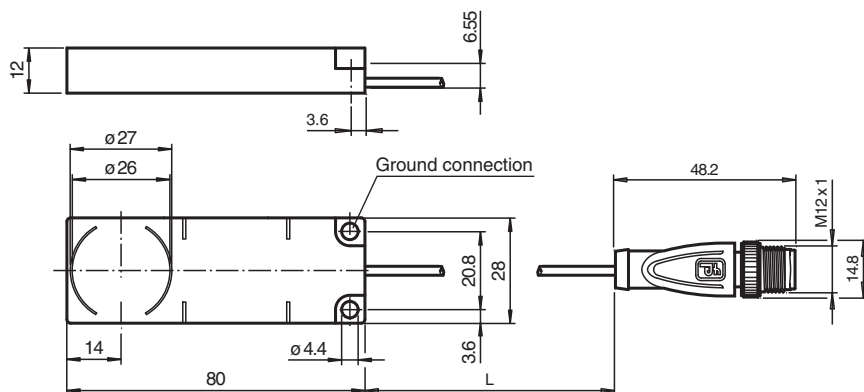
IPT-F61-R4-V1

- Particularly flat construction
- Connection cable with V1 plug (M12 x 1)
- Degree of protection IP67
- Can be mounted on metal

LF RFID read/write device



Dimensions



Technical Data

General specifications

Operating frequency	125 kHz
Transfer rate	2 kBit/s
Sensing range	
Read distance	2 ... 45 mm
Write distance	2 ... 35 mm
Width	max. 65 mm
MTBF	350 a (Operation at +40 °C)

Electrical specifications

Rated operating voltage	U_e	18 ... 30 V DC , limited power source (EN 60950)
Power consumption	P_0	≤ 1.2 W

Interface

Physical	RS-485 point-to-point connection
Protocol	ASCII
Transfer rate	1200, 2400, 4800, 9600, 19200, 38400 (default) Bit/s
Cable length	≤ 3 m

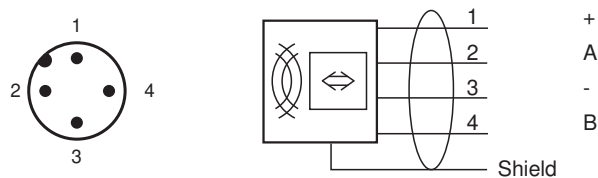
Directive conformity

Radio equipment

Technical Data

Directive 2014/53/EU	EN 301489-1 EN 301489-3 EN 300330 EN 62368-1 EN 50364
RoHS	
Directive 2011/65/EU (RoHS)	IEC/EN 63000
Standard conformity	
Degree of protection	EN 60529
RFID	ISO/IEC 18000-2
Ambient conditions	
Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
Storage temperature	-40 ... 85 °C (-40 ... 185 °F)
Mechanical specifications	
Degree of protection	IP67
Connection	connector M12 x 1
Material	
Housing	ABS
Encapsulation compound	WEVO 403FL/300
Installation	
Distance between two heads	≥ 290 mm
Mass	approx. 50 g
Dimensions	
Height	12 mm
Width	28 mm
Length	80 mm
Cable length	20 cm

Connection



Factory Setting

Interface transfer rate: 38400 bps
Port settings: 8 data bits, no parity, 1 stop bit, no handshake
Tag type: 02

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