Base for read/write station
U-P3-RX

- Degree of protection IP67
- With serial interfaces RS 232 and RS 485

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Base with serial interfaces RS 232 and RS 485

$C\,E$ EAC

Function

The base is used in combination with an upper part, the IPT*-FP read/write station. Either an RS 232- or an RS 485-interface is available.
The read/write station is connected to a higher-order control system via the serial interface and receives the commands for writing and/or reading code or data carriers via this interface.

Dimensions
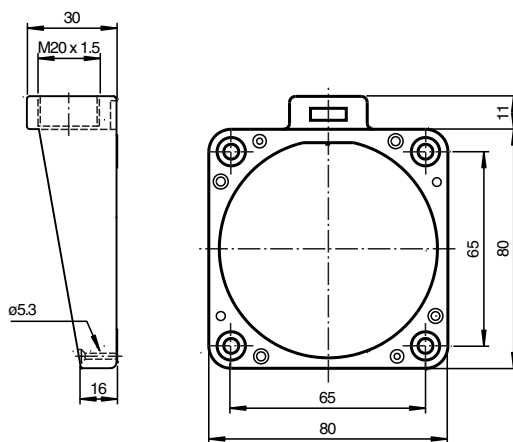
Technical Data

Electrical specifications		
Rated operating voltage	U_e	20 ... 30 V DC , ripple 10 %$_{SS}$, PELV
Power consumption	P_0	max. 4 W with read/write head IPT*-FP
Galvanic isolation		
Operating voltage/interface		functional insulation acc. to DIN EN 50178, rated insulation voltage 50 V_{eff}
Interface		
Physical		RS-232/RS-485
Protocol		ASCII
Transfer rate		1200; 2400; 4800; 9600; 19200; 38400
Cable length		≤ 15 m at RS 232 ≤ 1200 m at RS-485
Approvals and certificates		

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group   USA: +1 330 486 0001   Germany: +49 621 776 1111   Singapore: +65 6779 9091
www.pepperl-fuchs.com   fa-info@us.pepperl-fuchs.com   fa-info@de.pepperl-fuchs.com   fa-info@sg.pepperl-fuchs.com

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Technical Data

EAC conformity	TR CU 020/2011
Ambient conditions	
Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
Storage temperature	-40 ... 85 °C (-40 ... 185 °F)
Mechanical specifications	
Degree of protection	IP67 according to EN 60529 with IPT*-FP
Connection	screw terminals
Interface cable	3 conductor, acc. to RS-232 or 2 acc. to RS-485
Supply	up to 3 x 1.5 mm^2
Material	
Housing	diecast aluminum

Connection
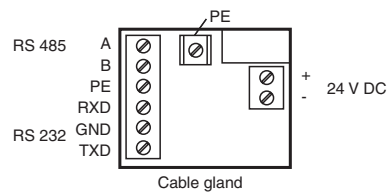
Matching system components

	IPT1-FP	LF R/W system, fully assembled as configuration and test station

Accessories

	RFIDControl	Software for RFID identification systems
	RFIDControl	Hot water appliances

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Programming

Communication with the identification system is very easy with the demo program IDENT 2005. It shows the system options and simplifies commissioning.
The demo program is included in the scope of delivery.

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www.pepperl-fuchs.com   fa-info@us.pepperl-fuchs.com   fa-info@de.pepperl-fuchs.com   fa-info@sg.pepperl-fuchs.com

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