

Base for read/write station

U-P6-B5-V



- Bus subscriber for INTERBUS installation
- 500 kBit/s or 2 MBit/s transfer rate (switchable)
- M23 round connection for BUS and supply
- Complete read/write functionality via the INTERBUS
- Transfer of 10 bytes of data in one cycle
- Field device with degree of protection IP67

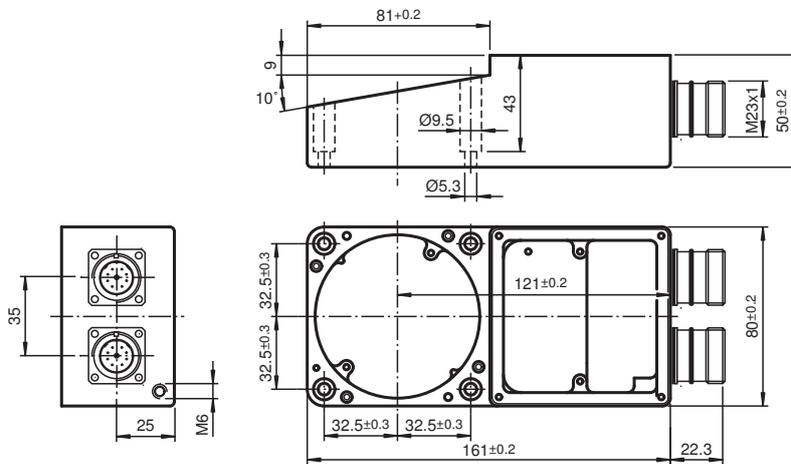
Base for INTERBUS, plug-in connection



Function

The base is used in combination with an upper part, the IPT*-FP read/write station. The device is operated as a slave at the INTERBUS installation remote bus. The device offers the full read/write functionality. Up to 10 byte per cycle can be transferred. By means of an internal slide switch the transfer rate can be switched over between 500 kbit/s and 2 Mbit/s. The rounded connector M23 for BUS and supply allows a rapid assembly.

Dimensions



Technical Data

Electrical specifications	
Rated operating voltage	U_e 20 ... 30 V DC , ripple 10 % _{SS} , PELV
Power consumption	P_0 max. 5 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-485
Protocol	INTERBUS remote bus
ID code	03
Transfer rate	500 kBit/s or 2 MBit/s internally switchable

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

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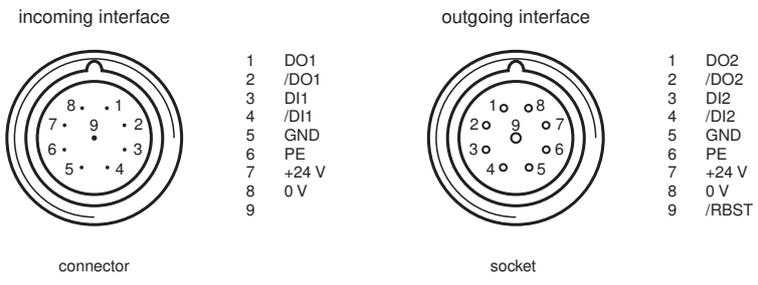
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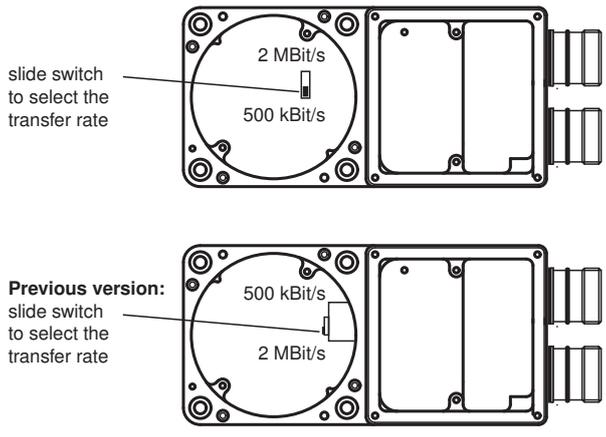
Technical Data

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	Round connector M23, 8+1 Pin Connector: incoming interface socket: outgoing Interface
Interface cable	up to 1.5 mm ²
Supply	up to 3 x 1.5 mm ²
Material	
Housing	aluminum, black anodized

Connection



Assembly



Matching system components

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