



**Model Number**

**U-P6-B5**

Base for INTERBUS

**Features**

- INTERBUS-remote bus subscriber
- 2 PG screw fittings for IN and OUT supply
- 2 EMV PG screw fittings for BUS IN and OUT
- Complete read/write functionality via the INTERBUS
- Transfer of 10 bytes of data in one cycle
- DIP switch for ring termination
- Field device with protection degree IP67

**Function**

The base is used in combination with an upper part, the IPT\*-FP read/write station. The device is operated as a slave on the INTERBUS remote bus. The device makes available the complete read/write functionality. Up to 10 bytes are transmitted per cycle. The continuing bus is activated via DIP switch.

**Matching system components**

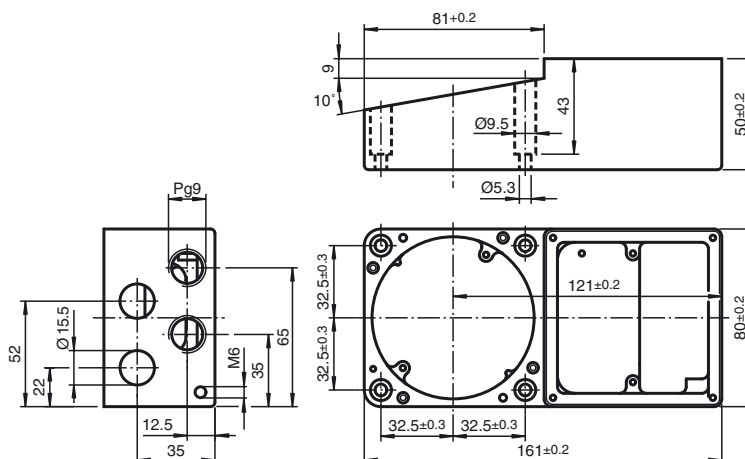
**IPT-FP**

Read/write station

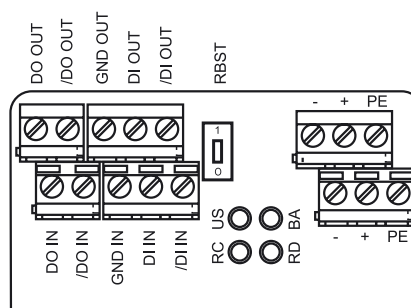
**IPT1-FP**

Read/write station

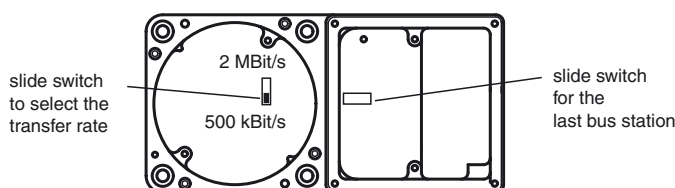
**Dimensions**



**Electrical connection**



**Indicating / Operating means**



**Technical data**

**Indicators/operating means**

DIP-switch	ring termination
	0 = closed
	1 = bus continued

**Electrical specifications**

Rated operational voltage	$U_e$	20 ... 30 V DC , ripple 10 % <sub>SS</sub> , PELV
Power consumption	$P_0$	max. 5 W with read/write head IPT*-FP

**Electrical isolation**

Operating voltage/interface	functional insulation acc. to DIN EN 50178, rated insulation voltage 50 V <sub>eff</sub>
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**Interface**

Physical	RS 485
Protocol	INTERBUS remote bus
ID code	03
Transfer rate	500 kBit/s or 2 MBit/s internally switchable

**Ambient conditions**

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
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Subject to modifications without notice

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Storage temperature -40 ... 85 °C (-40 ... 185 °F)

**Mechanical specifications**

Protection degree IP67 according to EN 60529 with IPT\*-FP

Connection screw terminals

Interface cable up to 1.5 mm<sup>2</sup>

Supply up to 3 x 1.5 mm<sup>2</sup>

Material

Housing aluminum, black anodized