

## Read/write station

### IPT1-FP

- With integrated control interface unit
- Serial interfaces and field-bus interfaces selectable through lower part
- Read distance of up to 100 mm
- Write distance of up to 50 mm
- 3 LEDs for function indication
- Degree of protection IP67
- Optimized reading speed for fixed codes
- Suited for writing of IPC11

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

ERC



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# iDENT-I System P

## Function

The IPT1-FP read/write station is used in combination with a base which contains the interface for connecting to a computer. Through the choice of base, either serial interfaces or field-bus interfaces may be selected. The analysis system is integrated in the device and simplifies the system construction. Protection class IP67 allows the device to be installed directly in the field.

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

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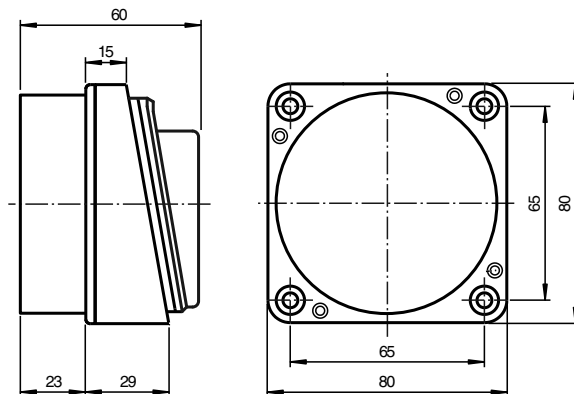
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## Dimensions



## Technical Data

### General specifications

Operating frequency	125 kHz
Transfer rate	2 kBit/s
Operating distance	maximum: 100 mm
UL File Number	E87056

### Indicators/operating means

LED green	Power on
LED yellow	IPC detected
LED red	bus fault (when using fieldbus interfaces)

### Electrical specifications

Rated operating voltage	$U_e$	20 ... 30 V DC , ripple 10 % <sub>SS</sub> , PELV
Power consumption	$P_0$	max. 5 W , in connection with the base
Galvanic isolation		
Operating voltage/interface		functional insulation acc. to DIN EN 50178, rated insulation voltage 50 V <sub>eff</sub>
Mag. Field strength		< 27.3 dB $\mu$ A/m at 10 m

### Interface

Physical	Interface type depends on base used
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### Approvals and certificates

EAC conformity	TR CU 020/2011
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### 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 base
Material	
Housing	PBT

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## Matching system components

	<b>U-P3-RX</b>	Base with serial interfaces RS 232 and RS 485
	<b>U-P3-R4</b>	Base with addressable serial Interface RS 485
	<b>U-P3-R4-V15</b>	Base with addressable serial Interface RS 485
	<b>U-P6-B5</b>	Base for INTERBUS
	<b>U-P6-B5-V</b>	Base for INTERBUS, plug-in connection
	<b>U-P6-B6</b>	Base for PROFIBUS DP
	<b>U-P6-B6-V15B</b>	Base for PROFIBUS DP, plug-in connection
	<b>U-P6V4A-B6</b>	Base for PROFIBUS DP, stainless steel version
	<b>U-P3V4A-RX</b>	Base with serial interfaces RS 232 and RS 485, stainless steel version V4A

## Accessories

	<b>AB-FP</b>	Mounting bracket
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