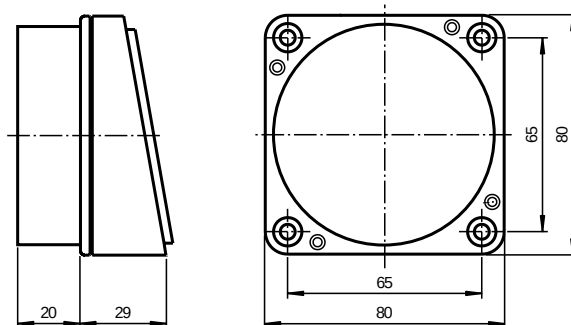


Read/write station



Dimensions



Model number

IPT-FP

- With integrated control interface unit
- Serial interfaces and field-bus interfaces selectable through lower part
- Read distance up to 80 mm
- Writing distance up to 45 mm
- 3 LEDs for function indication
- Protection degree IP67

Documentation

Handbuch IPT-FP mit U-P3-RX

Handbuch IPT-FP mit U-P...-R4

Handbuch IPT-FP mit U-P6-B5

Handbuch IPT-FP mit U-P6-B6

Manual IPT-FP with U-P3-RX

Manual IPT-FP with U-P...-R4

Manual IPT-FP with U-P6-B5

Manual IPT-FP with U-P6-B6

Matching system components

U-P3-RX

lower section with serial interfaces RS 232 and RS 485

U-P3-R4

lower section with addressable serial Interface RS 485

U-P6-B5

lower section for INTERBUS

U-P6-B6

lower section for PROFIBUS-DP

Function

The IPT-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.

Technical Data

General specifications

Distance distance tables, see introduction

Interface

Physical Type of interface depends on base

Indicators/operating means

LED green power on

LED yellow IPC detected

LED red bus fault (when using fieldbus interfaces)

Electrical specifications

Rated operational voltage U_e 20 ... 30 V DC , ripple 10 %_{SS} , PELV

Power consumption P_0 max. 5 W , in connection with the lower section

Galvanic isolation

Operating voltage/interface function insulation acc. to DIN EN 50178, design isolation voltage 50 V_{eff}

Ambient conditions

Ambient temperature -25 ... 70 °C (248 ... 343 K)

Storage temperature -40 ... 85 °C (233 ... 358 K)

Mechanical specifications

Protection degree IP67 in accordance with EN 60529, with lower section

Material

Housing PBT