



Model number:

Technical data:

Distance

read distance with IPC02-20
read distance with IPC01-20W
read distance with IPC02-30W
read distance with IPC02-50W
read distance with IPC02-50
read distance with IPC02-C1
read distance with IPC03-20
write distance with IPC03-20
read distance with IPC03-50
write distance with IPC03-50
read distance with IPC03-C1
write distance with IPC03-C1

Serial Interface

Announce:

LED green / yellow

Elektrical ratings:

Working voltage U_B
Remaining ripple
max. current consumption to $U_B = 24 V$

Mechanical data:

Housing material
Operating temperature
Storage temperature
Protection class to EN 60529
Method of connection
Interface cable
Power supply

IPT-FP

in air

0 mm ... 40 mm
0 mm ... 40 mm
0 mm ... 50 mm
0 mm ... 80 mm
0 mm ... 80 mm
0 mm ... 80 mm
0 mm ... 30 mm
0 mm ... 25 mm
0 mm ... 60 mm
0 mm ... 45 mm
0 mm ... 60 mm
0 mm ... 45 mm

Different bases with integrated serial interface are available for the read/write head

Base:

U-P3-RX with RS232 and RS485
U-P3-R4 with RS485 addressable

The base must be ordered separately

"Power on" / "IPC detected"

20 V DC ... 30 V DC, PELV
 $\pm 10 \%$, bei $U_B = 30 V$
< 300 mA

PBT (Polybutylenterephthalate)
248 Kelvin ... 343 Kelvin (-25 °C ... +70 °C)
233 Kelvin ... 358 Kelvin (-40 °C ... +85 °C)
IP67 with application unit PG-threaded joint
terminal screw
3 x 0.14 mm² shield, max. resistor 100 Ω/km
2 x 1.0 mm² max. resistor 100 Ω/km

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