



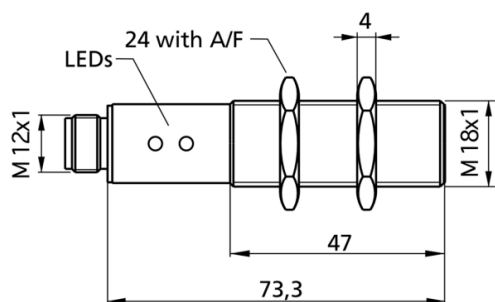
extract from our online catalogue:

lpc-25/PK/CU/M18E

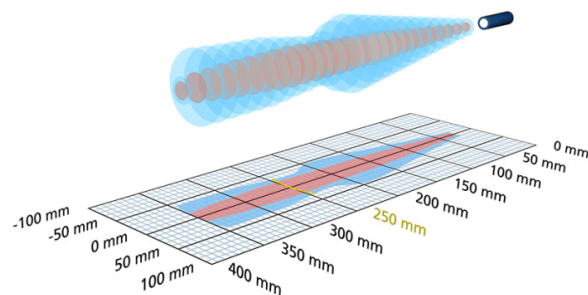
current to: 2026-09-22

Ipc-25/PK/CU/M18E

scale drawing



detection zone



Successor model available

please inquire

$\int$ 1 x analogue 0-10 V

 350 mm

design

cylindrical M18

operating mode

analogue distance measurements

particularities

high chemical resistance
stainless steel version

Ultrasonic-Specific

means of measurement

echo propagation time measurement

transducer frequency

320 kHz

blind zone

30 mm

operating range

250 mm

max. range

350 mm

resolution

0.069 mm to 0.101 mm, depending on the analogue window

reproducibility

$\pm 0.15 \%$

accuracy

$\pm 1 \%$ (temperature drift internally compensated)

Electrical Data

operating voltage U_B

10 - 30 V d.c., reverse polarity protection

voltage ripple

$\pm 10 \%$

no-load current consumption

≤ 40 mA

type of connection

5-pin M12 initiator plug

outputs

output 1

analogue output
voltage: 0-10 V, short-circuit-proof
switchable rising/falling

response delay

24 ms

delay prior to availability

< 300 ms

Inputs

input 1	com input teach-in input
---------	-----------------------------

housing

material	stainless steel, plastic parts, PBT
ultrasonic transducer	coated with PEEK film, PTFE O-ring
class of protection to EN 60529	IP 67
operating temperature	-25°C to +70°C
storage temperature	-40°C to +85°C
weight	43 g

Technical Features/Characteristics

temperature compensation	yes
controls	com input
scope for settings	Teach-in via com input on pin 5 LCA-2 with LinkControl
synchronization	yes
multiplex	no
indicators	1 x LED yellow: object in the window

pin assignment

