



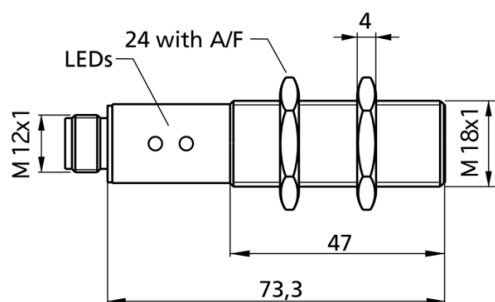
extract from our online catalogue:

lpc-25/CU/M18

current to: 2026-09-03

Ipc-25/CU/M18

scale drawing



detection zone



Successor model available

pico+25/U

$\int$ 1 x analogue 0-10 V

 350 mm

design

cylindrical M18

operating mode

analogue distance measurements

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 bis 0,078 mm, abhängig vom eingestellten Analogfenster

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

$\leq 40 \text{ mA}$

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
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housing

material	brass sleeve, nickel-plated, plastic parts, PBT
ultrasonic transducer	polyurethane foam, epoxy resin with glass contents
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
further versions	lpc-25/PK/CU/M18E
further versions	stainless steel high chemical resistance

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

Accessories

deployable accessory	KST5A-2/M12 KST5A-5/M12 KST5G-2/M12 KST5G-5/M12 UF-90/M18
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pin assignment

