



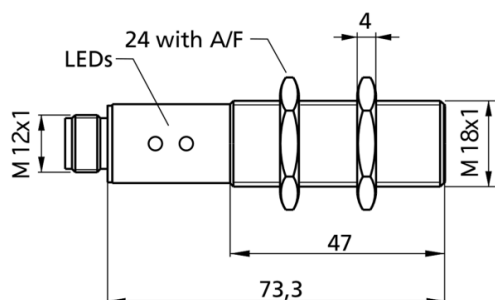
extract from our online catalogue:

lpc-25/CDU/M18

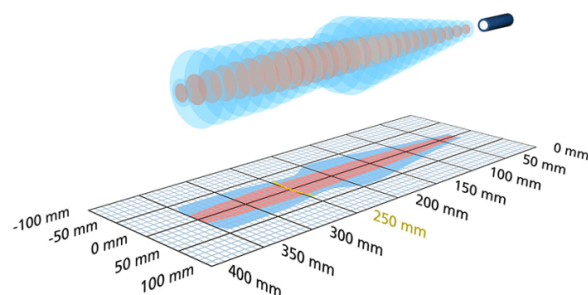
current to: 2026-09-03

Ipc-25/CDU/M18

scale drawing



detection zone



Successor model available

Ipc+25/CFU

 1 x pnp + 1 x analogue 0-10 V

 350 mm

design

cylindrical M18

operating mode

proximity switch/reflective mode
reflective barrier
window mode

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

± 0.15 %

accuracy

± 1 % (temperature drift internally compensated)

Electrical Data

operating voltage U_B

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

voltage ripple

± 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
Ausgang 2	switching output pnp: $I_{\max} = 200 \text{ mA}$ ($U_B - 2V$) NOC/NCC adjustable, short-circuit-proof
switching hysteresis	2.0 mm
switching frequency	25 Hz
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

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: switch status, 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

