



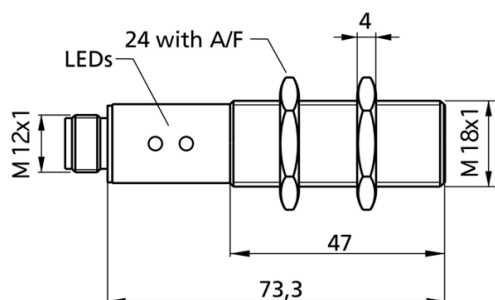
extract from our online catalogue:

***lpc-25/CI/M18***

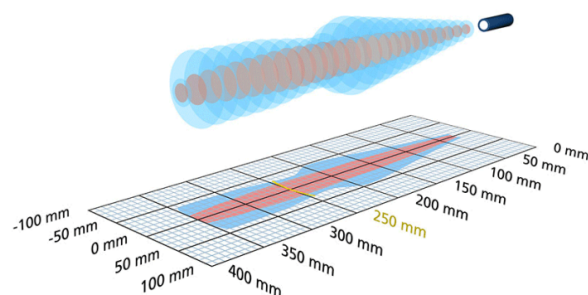
current to: 2026-09-03

# Ipc-25/CI/M18

## scale drawing



## detection zone



Successor model available

pico+25/I

 1 x analogue 4-20 mA

 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 0,098 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  
current: 4-20 mA  
switchable rising/falling

response delay

24 ms

delay prior to availability

&lt; 300 ms

### Inputs

|         |                             |
|---------|-----------------------------|
| input 1 | com input<br>teach-in input |
|---------|-----------------------------|

### 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/CI/M18/E                                 |
| further versions                | stainless steel<br>high chemical resistance        |

### Technical Features/Characteristics

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

### Accessories

|                      |                                                                       |
|----------------------|-----------------------------------------------------------------------|
| deployable accessory | KST5A-2/M12<br>KST5A-5/M12<br>KST5G-2/M12<br>KST5G-5/M12<br>UF-90/M18 |
|----------------------|-----------------------------------------------------------------------|

### pin assignment

