



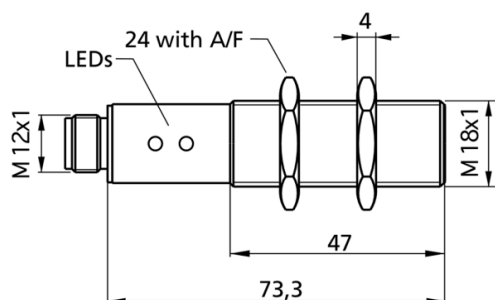
extract from our online catalogue:

***lpc-25/CEE/M18***

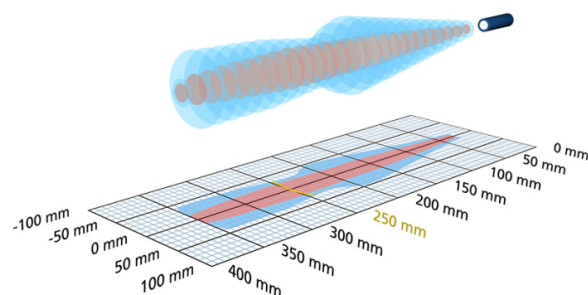
current to: 2026-09-22

# Ipc-25/CEE/M18

## scale drawing



## detection zone



Successor model available

Ipc+25/CFF



2 x npn

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

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                    | switching output<br>npn: $I_{\max} = 200 \text{ mA}$ ( $-U_B + 2V$ )<br>NOC/NCC adjustable, short-circuit-proof |
| Ausgang 2                   | switching output<br>npn: $I_{\max} = 200 \text{ mA}$ ( $-U_B + 2V$ )<br>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<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                                               |

## 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               | 2 x LED yellow: switch status                             |

## Accessories

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

## pin assignment

