



extract from our online catalogue:

***lpc-25/PK/CI/M18/E***

current to: 2026-09-03

# Ipc-25/PK/CI/M18/E

## scale drawing



## detection zone



Successor model available

please inquire

 1 x analogue 4-20 mA

 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

± 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

< 300 ms

### Inputs

|         |                             |
|---------|-----------------------------|
| input 1 | com input<br>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<br>LCA-2 with LinkControl |
| synchronization          | yes                                                       |
| multiplex                | no                                                        |
| indicators               | 1 x LED yellow: object in the window                      |

### pin assignment

