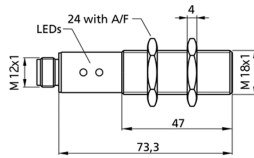
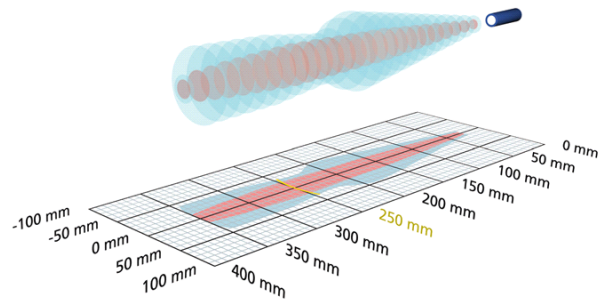


lpc-25/CDU/M18

scale drawing



detection zone



1 x pnp + 1 x analogue 0-10 V



operating range	30 - 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
maximum range	350 mm
resolution/sampling rate	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 %
Leerlaufstromaufnahme	≤ 40 mA
type of connection	5-pin M12 initiator plug

lpc-25/CDU/M18

outputs

output 1	analogue output voltage: 0-10 V, short-circuit-proof switchable rising/falling
output 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 time	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

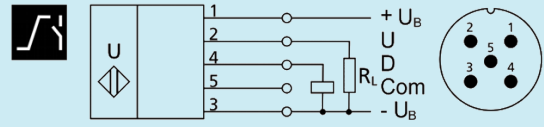
technical features/characteristics

temperature compensation	yes
controls	com input
scope for settings	Teach-in via com input on pin 5 LCA-2 with LinkControl
Synchronisation	yes
multiplex	no
indicators	1 x LED yellow: switch status, 1 x LED yellow: object in the window

lpc-25/CDU/M18

[documentation \(download\)](#)

pin assignment



order no.

lpc-25/CDU/M18