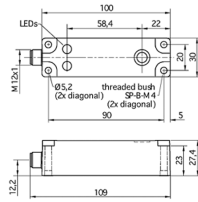
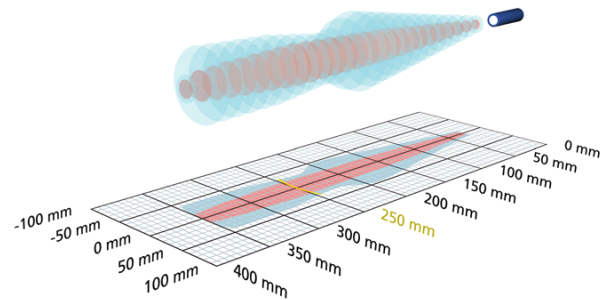


Ics-25/DD/QP

scale drawing



detection zone



2 x pnp



350 mm

operating range	30 - 350 mm
design	cuboidal
operating mode	proximity switch/reflective mode reflective barrier window mode
particularities	flat housing lateral sound exit

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	0.18 mm
reproducibility	± 0.15 %
accuracy	± 1 % (temperature drift internally compensated)

electrical data

operating voltage U_B	9 - 30 V d.c., reverse polarity protection
voltage ripple	± 10 %
Leerlaufstromaufnahme	≤ 70 mA
type of connection	5-pin M12 initiator plug

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outputs

output 1	switching output pnp: $I_{\max} = 200 \text{ mA}$ ($U_B = 2V$) NOC/NCC adjustable, short-circuit-proof
output 2	switching output pnp: $I_{\max} = 200 \text{ mA}$ ($U_B = 2V$) NOC/NCC adjustable, short-circuit-proof
switching hysteresis	3 mm
switching frequency	25 Hz
response time	32 ms
delay prior to availability	< 300 ms

inputs

input 1	com input teach-in input
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housing

material	PBT
ultrasonic transducer	polyurethane foam, epoxy resin with glass contents
class of protection to EN 60529	IP 65
operating temperature	-25°C to +70°C
storage temperature	-40°C to +85°C
weight	200 g

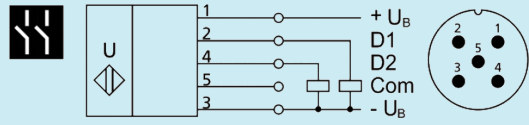
technical features/characteristics

temperature compensation	yes
controls	com input control input
scope for settings	Teach-in via com input on pin 5 LCA-2 with LinkControl
Synchronisation	yes
multiplex	no
indicators	2 x three-colour LED
particularities	flat housing lateral sound exit

Ics-25/DD/QP

[documentation \(download\)](#)

pin assignment



order no.

Ics-25/DD/QP