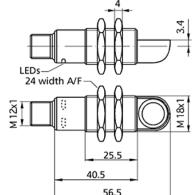
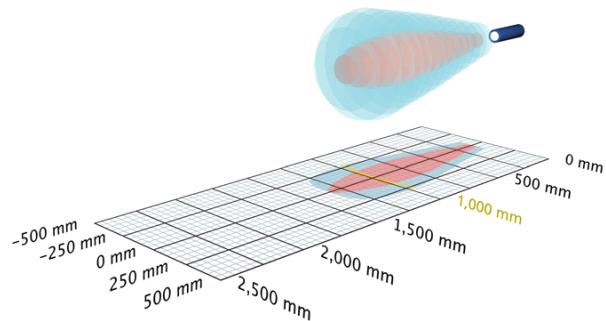


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scale drawing



detection zone



1 x analogue 0-10 V



1,300 mm

operating range

120 - 1.300 mm

design

cylindrical M18 with radially-arranged ultrasonic transducer (90° angular head)

operating mode

analogue distance measurements

particularities

90° angular head

ultrasonic -specific

means of measurement echo propagation time measurement

transducer frequency 200 kHz

blind zone 120 mm

operating range 1,000 mm

maximum range 1,300 mm

resolution/sampling rate 0.069 mm to 0.38 mm, depending on the analogue window

reproducibility ± 0.15 %

accuracy ± 1 % (temperature drift internally compensated)

electrical data

operating voltage U_B 15 V bis 30 V DC, verpolfest

voltage ripple ± 10 %

Leerlaufstromaufnahme ≤ 40 mA

type of connection 5-pin M12 initiator plug

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outputs

output 1	analogue output voltage: 0-10 V, short-circuit-proof switchable rising/falling
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response time	100 ms
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delay prior to availability	< 300 ms
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inputs

input 1	com input synchronisation 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
max. tightening torque of nuts	15 Nm
class of protection to EN 60529	IP 67
operating temperature	-25°C to +70°C
storage temperature	-40°C to +85°C
weight	35 g

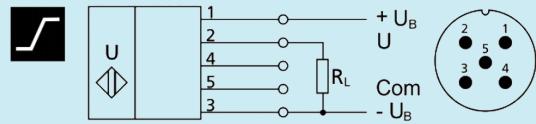
technical features/characteristics

temperature compensation	yes
controls	com input
scope for settings	Teach-in via com input on pin 5 LCA-2 with LinkControl
Synchronisation	yes
multiplex	yes
indicators	1 x LED green: working, 1 x LED yellow: object in the window
particularities	90° angular head

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[documentation \(download\)](#)

pin assignment



order no.

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