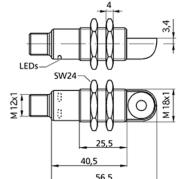
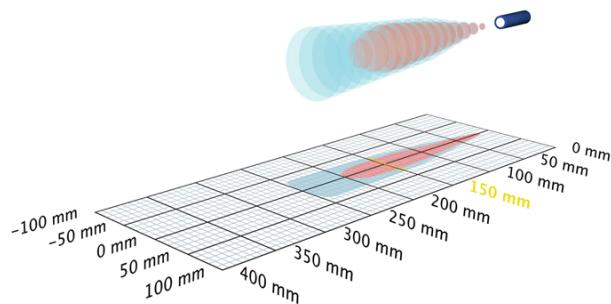


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scale drawing



detection zone



1 x Push-Pull



250 mm

operating range	25 - 250 mm
design	cylindrical M18
operating mode	proximity switch/reflective mode reflective barrier window mode
particularities	90° angular head narrow sound field IO-Link

## ultrasonic -specific

means of measurement	echo propagation time measurement
transducer frequency	380 kHz
blind zone	25 mm
operating range	150 mm
maximum range	250 mm
resolution/sampling rate	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 %
Leerlaufstromaufnahme	≤ 40 mA
type of connection	5-pin M12 initiator plug

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## outputs

<b>output 1</b>	Schaltausgang Push-Pull, U_B=3 V, -U_B+3 V, I <sub>max</sub> = 100 mA
<b>switching hysteresis</b>	2.0 mm
<b>switching frequency</b>	25 Hz
<b>response time</b>	32 ms
<b>delay prior to availability</b>	< 300 ms

## inputs

<b>input 1</b>	com input synchronisation input teach-in input
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## housing

<b>material</b>	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
<b>weight</b>	35 g

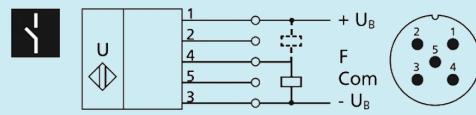
## technical features/characteristics

<b>temperature compensation</b>	yes
<b>controls</b>	com input
<b>scope for settings</b>	Teach-in via com input on pin 5 LCA-2 with LinkControl IO-Link
<b>Synchronisation</b>	yes
<b>multiplex</b>	yes
<b>indicators</b>	1 x LED green: working, 1 x LED yellow: switch status
<b>particularities</b>	90° angular head narrow sound field IO-Link

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[documentation \(download\)](#)

pin assignment



order no.

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