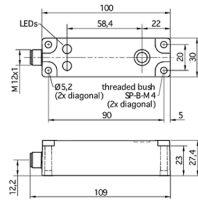
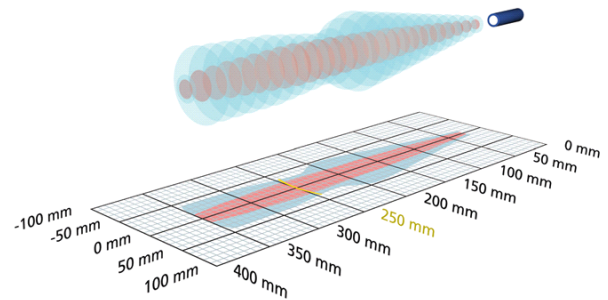


# Ics-25/IU/QP

## scale drawing



## detection zone



1 x analogue 4-20 mA + 0-10 V



350 mm

operating range	30 - 350 mm
design	cuboidal
operating mode	analogue distance measurements
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

# lcs-25/IU/QP

## outputs

output 1	analogue output current: 4-20 mA / voltage: 0-10 V (at $U_B \geq 15$ V), short-circuit-proof switchable rising/falling
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	-20°C to +70°C
storage temperature	-40°C to +85°C
weight	200 g

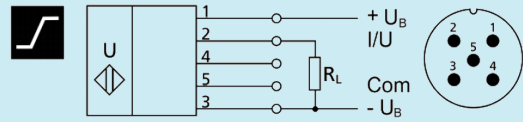
## technical features/characteristics

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/IU/QP

[documentation \(download\)](#)

## pin assignment



order no.

Ics-25/IU/QP