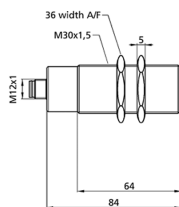
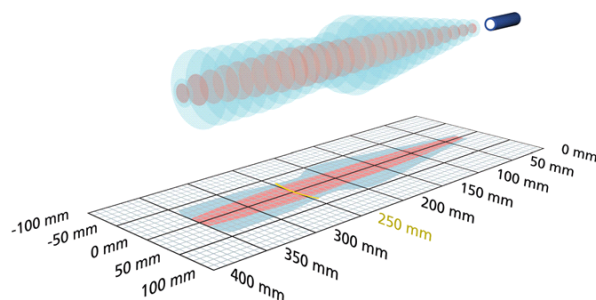


mic-25/D/M

scale drawing



detection zone



1 x pnp



operating range

30 - 350 mm

design

cylindrical M30

operating mode

proximity switch/reflective mode
reflective barrier
window mode

particularities

metal plug for harsh operational conditions

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

≤ 55 mA

type of connection

5-pin M12 initiator plug

mic-25/D/M

outputs

output 1	switching output pnp: $I_{\max} = 200 \text{ mA}$ ($U_B = 2\text{V}$) NOC/NCC adjustable, short-circuit-proof
switching hysteresis	3 mm
switching frequency	25 Hz
response time	32 ms
delay prior to availability	< 390 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	140 g
further versions	cable connection (on request)

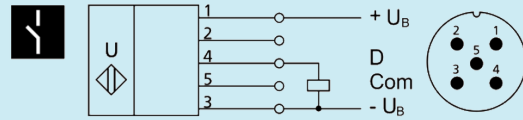
technical features/characteristics

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	no
particularities	metal plug for harsh operational conditions

mic-25/D/M

[documentation \(download\)](#)

pin assignment



order no.

mic-25/D/M