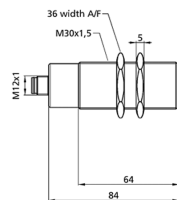
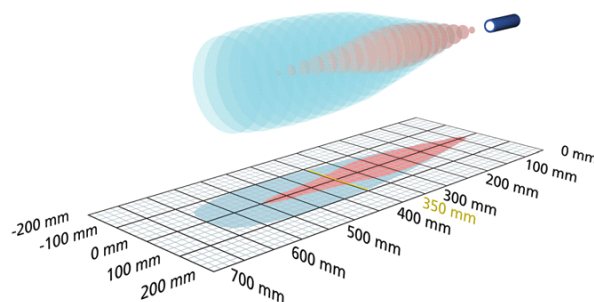


mic-35/D/M

scale drawing



detection zone



1 x pnp

600 mm

operating range	65 - 600 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	400 kHz
blind zone	65 mm
operating range	350 mm
maximum range	600 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-35/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	5 mm
switching frequency	8 Hz
response time	70 ms
delay prior to availability	< 420 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)
further versions	mic-35/D/M/K6

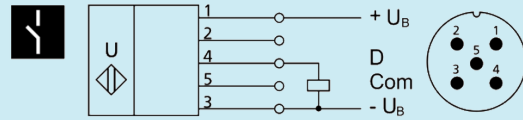
technical features/characteristics

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-35/D/M

[documentation \(download\)](#)

pin assignment



order no.

mic-35/D/M