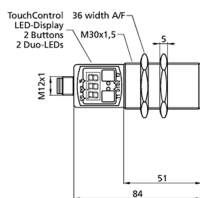
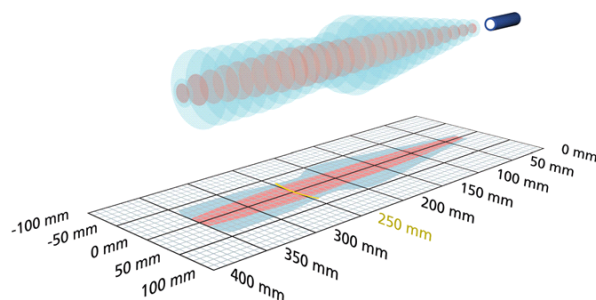


mic+25/DD/TC

scale drawing



detection zone



2 x pnp



operating range

30 - 350 mm

design

cylindrical M30

operating mode

proximity switch/reflective mode
reflective barrier
window mode

particularities

display

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

0.025 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

≤ 80 mA

type of connection

5-pin M12 initiator plug

mic+25/DD/TC

outputs

output 1	switching output pnp: $I_{\max} = 200 \text{ mA}$ ($U_B = 2V$) NOC/NCC adjustable, short-circuit-proof
output 2	switching output pnp: $I_{\max} = 200 \text{ mA}$ ($U_B = 2V$) NOC/NCC adjustable, short-circuit-proof
switching hysteresis	3 mm
switching frequency	25 Hz
response time	32 ms
delay prior to availability	< 300 ms

inputs

input 1	com input synchronisation input
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housing

material	brass sleeve, nickel-plated, plastic parts, PBT, TPU
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	110 g
further versions	stainless steel cable connection (on request)
further versions	mic+25/DD/TC/E

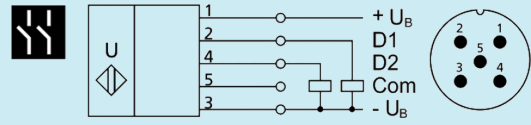
technical features/characteristics

temperature compensation	yes
controls	2 push-buttons + LED display (TouchControl)
scope for settings	Teach-in and numeric configuration via TouchControl LCA-2 with LinkControl
Synchronisation	yes
multiplex	yes
indicators	3-digit LED display, 2 x three-colour LED
particularities	display

mic+25/DD/TC

[documentation \(download\)](#)

pin assignment



order no.

mic+25/DD/TC