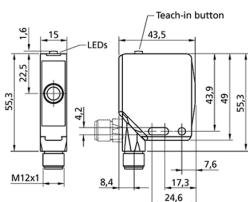
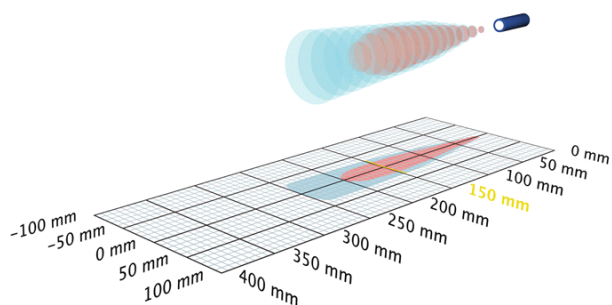


ucs-15/CDD/QM

scale drawing



detection zone



2 x pnp

250 mm

operating range

20 - 250 mm

design

cuboidal

operating mode

proximity switch/reflective mode
reflective barrier
window mode

particularities

quaderförmig
schlankes Schallfeld

ultrasonic -specific

means of measurement

echo propagation time measurement

transducer frequency

380 kHz

blind zone

20 mm

operating range

150 mm

maximum range

250 mm

resolution/sampling rate

0.10 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

ucs-15/CDD/QM

outputs

output 1	switching output pnp: $I_{\max} = 200 \text{ mA}$ ($U_B = 2\text{V}$) NOC/NCC adjustable, short-circuit-proof
output 2	switching output pnp: $I_{\max} = 200 \text{ mA}$ ($U_B = 2\text{V}$) NOC/NCC adjustable, short-circuit-proof
switching hysteresis	2.0 mm
switching frequency	25 Hz
response time	24 ms
delay prior to availability	< 300 ms

inputs

input 1	com input
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housing

material	zinc die-casting, 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	75 g

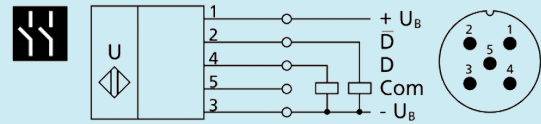
technical features/characteristics

temperature compensation	yes
controls	1 Taster Com-Eingang
scope for settings	Teach-in via push-button LCA-2 with LinkControl
Synchronisation	yes
multiplex	no
indicators	1 x Duo-LED; green: working / yellow: switch status
particularities	quaderförmig schlankes Schallfeld

ucs-15/CDD/QM

[documentation \(download\)](#)

pin assignment



order no.

ucs-15/CDD/QM