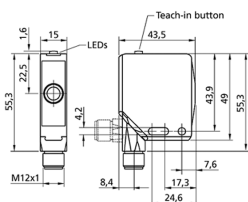
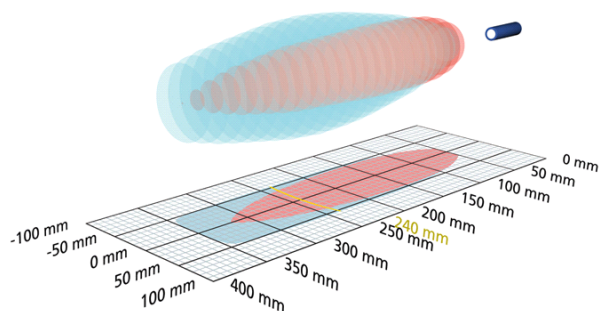


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scale drawing



detection zone



2 x npn

operating range	55 - 350 mm
design	cuboidal
operating mode	proximity switch/reflective mode reflective barrier window mode
particularities	cuboidal

ultrasonic -specific

means of measurement	echo propagation time measurement
transducer frequency	500 kHz
blind zone	55 mm
operating range	240 mm
maximum range	350 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-24/CEE/QM

outputs

output 1	switching output npn: $I_{\max} = 200 \text{ mA}$ ($-U_B+2V$) NOC/NCC adjustable, short-circuit-proof
output 2	switching output npn: $I_{\max} = 200 \text{ mA}$ ($-U_B+2V$) 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

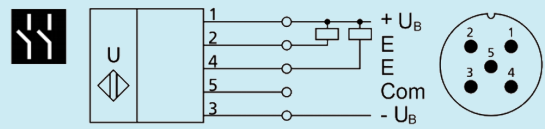
technical features/characteristics

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	cuboidal

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[documentation \(download\)](#)

pin assignment



order no.

ucs-24/CEE/QM