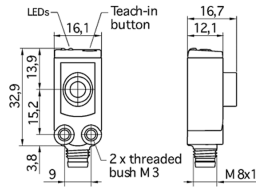
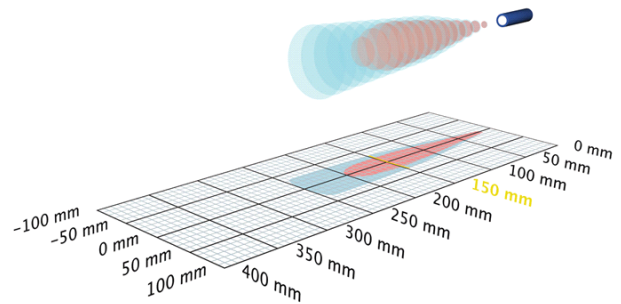


# skS-15/CU

## scale drawing



## detection zone



1 x analogue 0-10 V

250 mm

operating range	20 - 250 mm
design	cuboidal
operating mode	analogue distance measurements
particularities	minimum cuboidal design narrow sound field

## 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	$\pm 0.15 \%$
accuracy	$\pm 1 \%$ (temperature drift internally compensated)

## electrical data

operating voltage $U_b$	15 V bis 30 V DC, verpolfest
voltage ripple	$\pm 10 \%$
Leerlaufstromaufnahme	$\leq 25$ mA
type of connection	4-pin M8 initiator plug

# sks-15/CU

## outputs

output 1	analogue output voltage: 0-10 V, short-circuit-proof switchable rising/falling
response time	24 ms
delay prior to availability	< 300 ms

## inputs

input 1	com input
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## housing

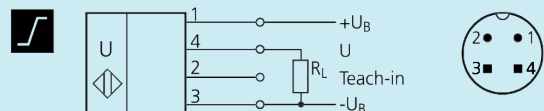
material	ABS
ultrasonic transducer	polyurethane foam, epoxy resin with glass contents
class of protection to EN 60529	IP 67
operating temperature	-25°C to +70°C
storage temperature	-40°C to +85°C
weight	8 g

## technical features/characteristics

temperature compensation	yes
controls	1 push-button
scope for settings	Teach-in via push-button
Synchronisation	ja, über externen Taktgenerator
multiplex	no
indicators	1 x LED green: working, 1 x LED yellow: switch status
particularities	minimum cuboidal design narrow sound field

## documentation (download)

### pin assignment



order no.

sks-15/CU