



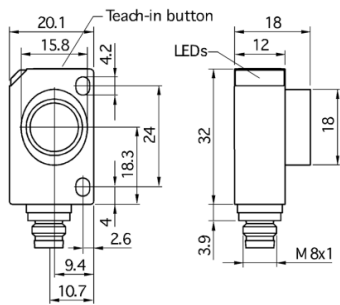
extract from our online catalogue:

zws-35/CE/QS

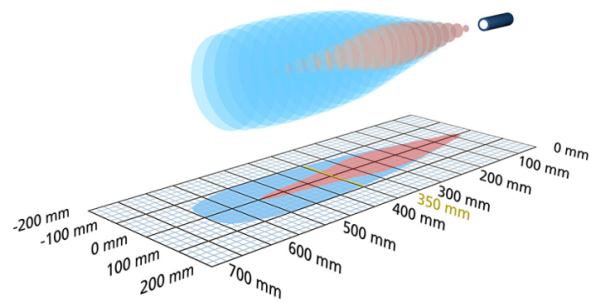
current to: 2026-09-03

zws-35/CE/QS

scale drawing



detection zone



1 x npn

600 mm

design	cuboidal
operating mode	proximity switch/reflective mode reflective barrier window mode
particularities	kleine quaderförmige Bauform UL Listed

Ultrasonic-Specific

means of measurement	echo propagation time measurement
transducer frequency	400 kHz
blind zone	64 mm
operating range	350 mm
max. range	600 mm
resolution	0.20 mm
reproducibility	± 0.15 %
accuracy	± 1 % (temperature drift internally compensated)

Electrical Data

operating voltage U_B	20 - 30 V d.c., reverse polarity protection
voltage ripple	± 10 %
no-load current consumption	≤ 25 mA
type of connection	4-pin M8 initiator plug

outputs

output 1	switching output npn: $I_{max} = 200 \text{ mA}$ ($-U_B + 2V$) NOC/NCC adjustable, short-circuit-proof
switching hysteresis	5 mm
switching frequency	15 Hz
response delay	48 ms
delay prior to availability	< 300 ms

Inputs

input 1	synchronisation 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	11 g

Technical Features/Characteristics

temperature compensation	yes
controls	1 push-button
scope for settings	Teach-in via push-button
synchronization	yes
multiplex	no
indicators	1 x LED green: working, 1 x LED yellow: switch status

Accessories

deployable accessory	KST4A-2/M8 KST4A-5/M8 KST4G-2/M8 KST4G-5/M8 MW-ZWS 1 SyncBox2
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pin assignment

