microsonic

extract from our online catalogue:

lpc-25/CEE/HV/M18

current to: 2026-09-03

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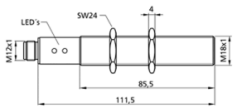
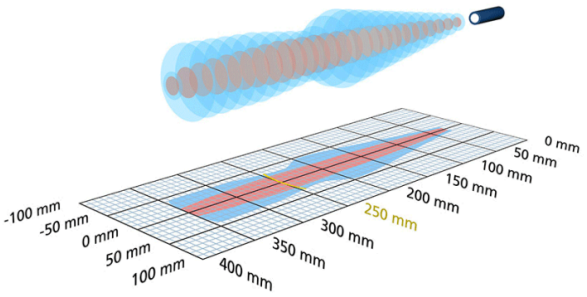
Archivsensor

lpc-25/CEE/HV/M18

scale drawing



detection zone



Successor model available	lpc-25/CEE/M18
2 x npn	350 mm
design	cylindrical M18
operating mode	proximity switch/reflective mode reflective barrier window mode
particularities	archive sensor

Ultrasonic-Specific

means of measurement	echo propagation time measurement
transducer frequency	320 kHz
blind zone	30 mm
operating range	250 mm
max. range	350 mm
resolution	0.08 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 %
no-load current consumption	≤ 40 mA
type of connection	5-pin M12 initiator plug

outputs

output 1	switching output npn: I_{max} = 500 mA (-U_B+2V) NOC/NCC adjustable, short-circuit-proof
Ausgang 2	switching output npn: I_{max} = 500 mA (-U_B+2V) NOC/NCC adjustable, short-circuit-proof
switching hysteresis	2.0 mm
switching frequency	25 Hz
response delay	24 ms
delay prior to availability	< 300 ms

Inputs

input 1	com input teach-in input

housing

material	brass sleeve, nickel-plated, 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	43 g
further versions	stainless steel

Technical Features/Characteristics

temperature compensation	yes
controls	com input
scope for settings	Teach-in via com input on pin 5 LCA-2 with LinkControl
synchronization	yes
multiplex	no
indicators	2 x LED yellow: switch status

Accessories

deployable accessory	KST5A-2/M12 KST5A-5/M12 KST5G-2/M12 KST5G-5/M12

pin assignment