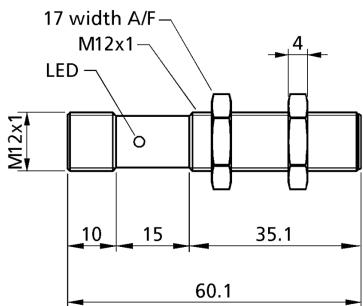
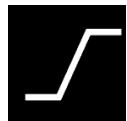
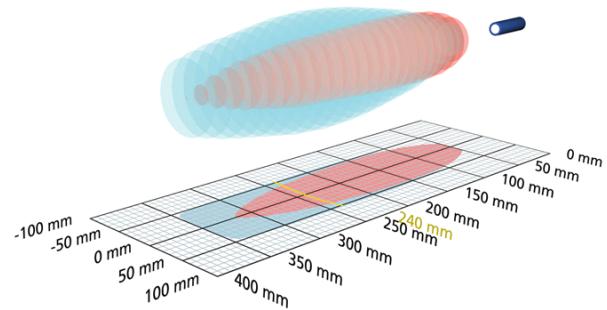


nano-24/CU

scale drawing



detection zone



1 x analogue 0-10 V



350 mm

operating range

40 - 350 mm

design

cylindrical M12

operating mode

analogue distance measurements

particularities

narrow sound field

ultrasonic-specific

means of measurement echo propagation time measurement

transducer frequency 500 kHz

blind zone 40 mm

operating range 240 mm

maximum range 350 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 $\leq 35 \text{ mA}$

type of connection 4-pin M12 initiator plug

nano-24/CU

outputs

output 1

analogue output

voltage: 0-10 V (at $U_B \geq 15$ V), short-circuit-proof
switchable rising/falling

response time

30 ms

delay prior to availability

< 300 ms

inputs

input 1

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

15 g

technical features/characteristics

scope for settings

Teach-in

Teach-in über Com-Eingang an Pin 2

indicators

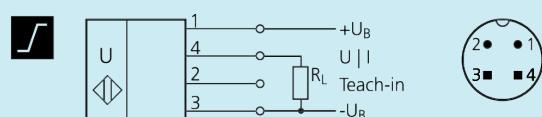
1 x LED green: working, 1 x LED yellow: object in the window

particularities

narrow sound field

documentation (download)

pin assignment



order no.

nano-24/CU