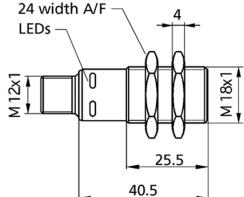
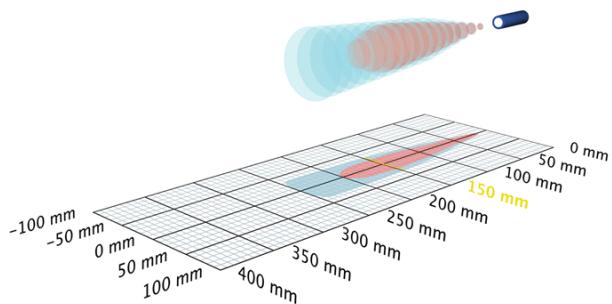


pico+15/I

scale drawing



detection zone



1 x analogue 4-20 mA



250 mm

operating range

25 - 250 mm

design

cylindrical M18

operating mode

analogue distance measurements

particularities

narrow sound field

ultrasonic-specific

means of measurement echo propagation time measurement

transducer frequency 380 kHz

blind zone 25 mm

operating range 150 mm

maximum range 250 mm

resolution/sampling rate 0.069 mm

reproducibility $\pm 0.15\%$

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

electrical data

operating voltage U_B 10 - 30 V d.c., reverse polarity protection

voltage ripple $\pm 10\%$

Leerlaufstromaufnahme $\leq 40\text{ mA}$

type of connection 5-pin M12 initiator plug

pico+15/I

outputs

output 1	analogue output current: 4-20 mA switchable rising/falling
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response time	32 ms
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delay prior to availability	< 300 ms
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inputs

input 1	com input synchronisation input teach-in input
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housing

material	brass sleeve, nickel-plated, plastic parts, PBT
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ultrasonic transducer	polyurethane foam, epoxy resin with glass contents
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class of protection to EN 60529	IP 67
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operating temperature	-25°C to +70°C
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storage temperature	-40°C to +85°C
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weight	30 g
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further versions	90° angular head
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further versions	pico+15/WK/U
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technical features/characteristics

temperature compensation	yes
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controls	com input
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scope for settings	Teach-in via com input on pin 5 LCA-2 with LinkControl
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Synchronisation	yes
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multiplex	yes
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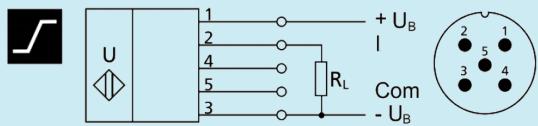
indicators	1 x LED green: working, 1 x LED yellow: switch status
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particularities	narrow sound field
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[documentation \(download\)](#)

pin assignment



order no.

pico+15/I