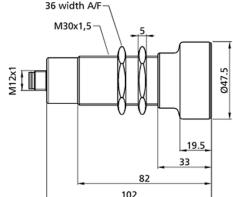
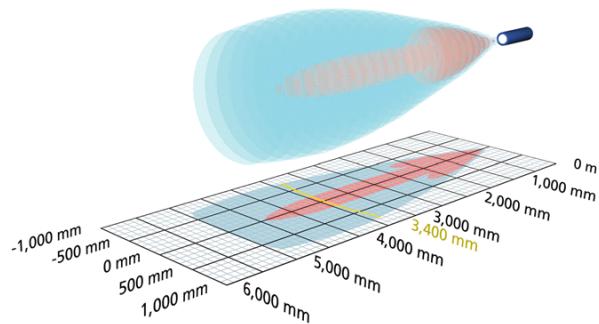


mic-340/IU/M

scale drawing



detection zone



1 x analogue 4-20 mA + 0-10 V



5,000 mm

operating range	350 - 5.000 mm
design	cylindrical M30
operating mode	analogue distance measurements
particularities	metal plug for harsh operational conditions

ultrasonic-specific

means of measurement	echo propagation time measurement
transducer frequency	120 kHz
blind zone	350 mm
operating range	3,400 mm
maximum range	5,000 mm
resolution/sampling rate	0.18 mm to 1.5 mm, depending on the analogue window
reproducibility	± 0.15 %
accuracy	± 1 % (temperature drift internally compensated)

electrical data

operating voltage U_B	9 - 30 V d.c., reverse polarity protection
voltage ripple	± 10 %
Leerlaufstromaufnahme	≤ 55 mA
type of connection	5-pin M12 initiator plug

mic-340/IU/M

outputs

output 1

analogue output
current: 4-20 mA / voltage: 0-10 V (at $U_B \geq 15$ V), short-circuit-proof
switchable rising/falling

response time

180 ms

delay prior to availability

< 530 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

270 g

further versions

cable connection (on request)

technical features/characteristics

temperature compensation

yes

controls

com input
control input

scope for settings

Teach-in via com input on pin 5
LCA-2 with LinkControl

Synchronisation

yes

multiplex

no

indicators

no

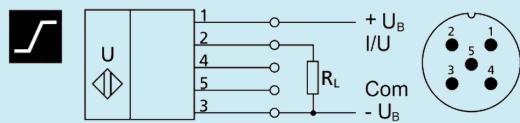
particularities

metal plug for harsh operational conditions

mic-340/IU/M

[documentation \(download\)](#)

pin assignment



order no.

mic-340/IU/M