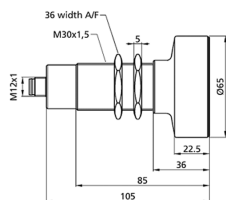
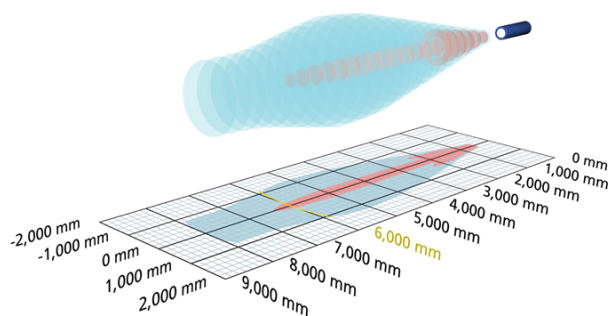


# mic-600/IU/M

## scale drawing



## detection zone



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

 8,000 mm

operating range	600 - 8.000 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	80 kHz
blind zone	600 mm
operating range	6,000 mm
maximum range	8,000 mm
resolution/sampling rate	0.18 mm to 2.4 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-600/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	240 ms
delay prior to availability	< 600 ms

## inputs

input 1	com input teach-in input
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## 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	320 g
further versions	cable connection (on request)

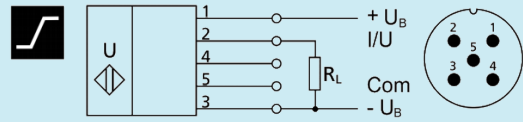
## technical features/characteristics

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-600/IU/M

[documentation \(download\)](#)

## pin assignment



order no.

**mic-600/IU/M**