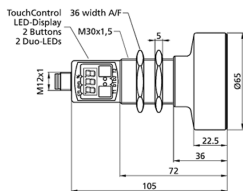
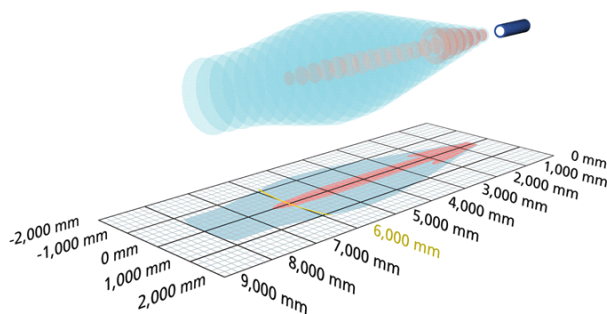


mic+600/DD/TC

scale drawing



detection zone



2 x pnp



operating range

600 - 8.000 mm

design

cylindrical M30

operating mode

proximity switch/reflective mode
reflective barrier
window mode

particularities

display

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

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

≤ 80 mA

type of connection

5-pin M12 initiator plug

mic+600/DD/TC

outputs

| | |
|-----------------------------|--|
| output 1 | switching output pnp: $I_{\max} = 200 \text{ mA}$ ($U_B - 2V$) NOC/NCC adjustable, short-circuit-proof |
| output 2 | switching output pnp: $I_{\max} = 200 \text{ mA}$ ($U_B - 2V$) NOC/NCC adjustable, short-circuit-proof |
| switching hysteresis | 100 mm |
| switching frequency | 2 Hz |
| response time | 240 ms |
| delay prior to availability | < 450 ms |

inputs

| | |
|---------|------------------------------------|
| input 1 | com input synchronisation input |
|---------|------------------------------------|

housing

| | |
|---------------------------------|--|
| material | brass sleeve, nickel-plated, plastic parts, PBT, TPU |
| 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 | 230 g |
| further versions | stainless steel cable connection (on request) |
| further versions | mic+600/DD/TC/E |

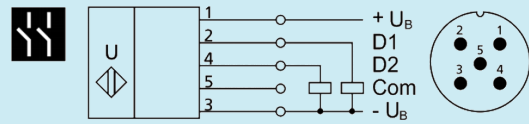
technical features/characteristics

| | |
|--------------------------|---|
| temperature compensation | yes |
| controls | 2 push-buttons + LED display (TouchControl) |
| scope for settings | Teach-in and numeric configuration via TouchControl LCA-2 with LinkControl |
| Synchronisation | yes |
| multiplex | yes |
| indicators | 3-digit LED display, 2 x three-colour LED |
| particularities | display |

mic+600/DD/TC

[documentation \(download\)](#)

pin assignment



order no.

mic+600/DD/TC