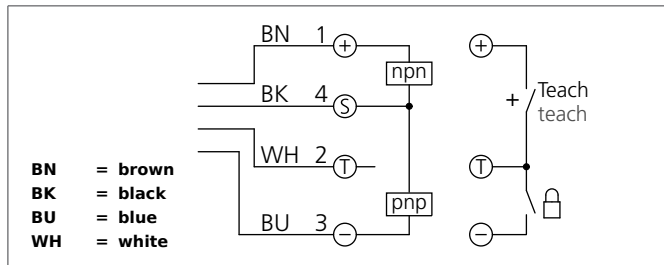


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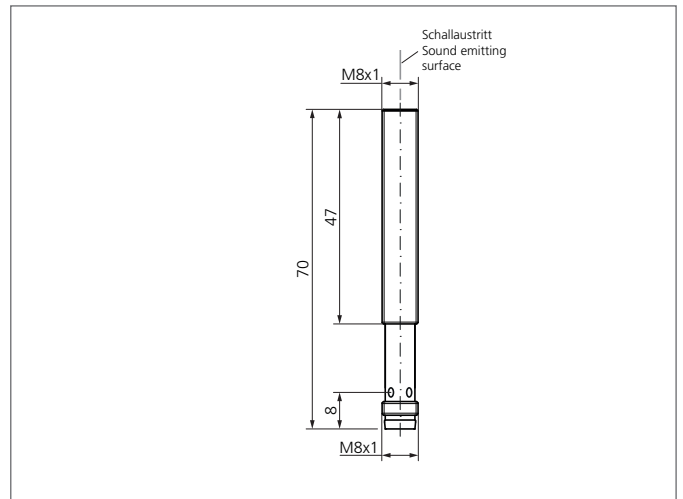
Ultrasonic Sensor

- Narrow detection beam / small blind zone
- Switching functions: NO/NC, frame function teachable
- Insensitive to dirt
- Small design
- Stainless steel casing
- Protection class IP 67



Safety instructions

The Instruments are not to be used for safety applications, in particular applications in which safety of persons depends on proper operation of the instruments.
 These instruments shall exclusively be used by qualified personnel.



| TECHNICAL INFORMATION (typ.) | +20°C, 24V DC |
|---------------------------------|--------------------------------------|
| Operating principle | Ultrasonic sensor |
| Evaluation | digital |
| Size | M8 x 1 (thread) |
| Design | screw |
| Sound emitting surface | axial |
| Nominal switching distance (Sn) | 80 mm |
| Standardized measuring plate | 10 x 10 mm |
| Service voltage | 18 ... 30 V DC |
| Internal power consumption | < 22 mA, (24 V DC) |
| Operating distance | 20 ... 80 mm adjustable |
| Sensitivity adjustment | Remote teach |
| Switching output | Push pull, 150 mA, NO/NC, switchable |
| Max. power operating | 150 mA |
| Switching hysteresis | 5 % |
| Operating frequency | 470.000 Hz |
| Display | LED yellow (Display output) |
| Voltage drop | 2,5 V |
| Switching frequency | 12 Hz |
| Repeatability | <0.3 mm |
| Readiness delay | 300ms |
| Ambient temperature | 0 ... +50 °C |
| Insulation voltage endurance | 500 V |
| Protection class | IP 67 |

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Ultrasonic Sensor



| TECHNICAL INFORMATION (typ.) | +20°C, 24V DC |
|-------------------------------------|--|
| Protection degree | III, operation on protective low voltage |
| Casing material | V2A (1.4305 / AISI 303) |
| Material | epoxy resin, PUR (Transducer surface) |
| Connection | Connector, M8, 4-poled |