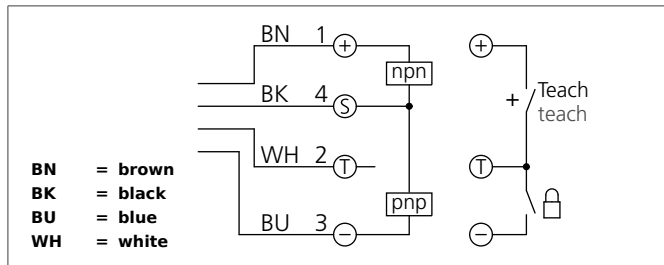


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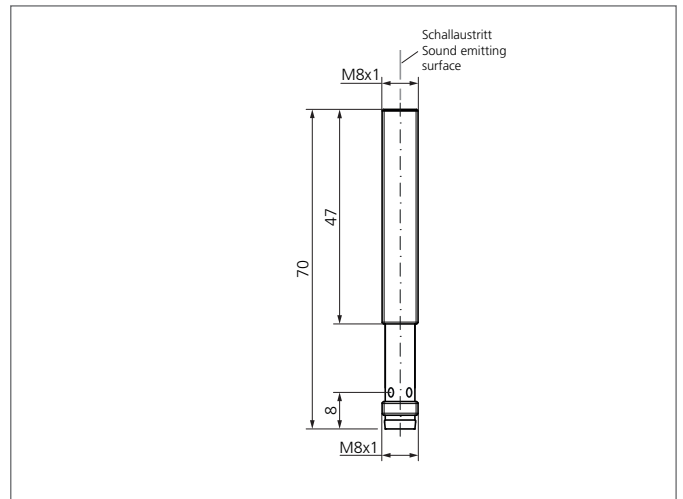
Ultrasonic Sensor

- 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