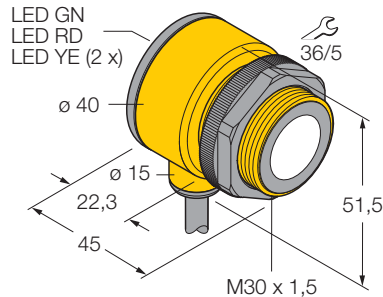
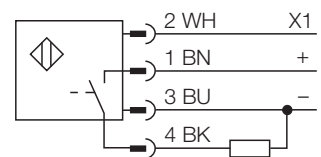


ultrasonic sensor diffuse mode sensor T30UXDA



- compact housing style
- 4-pole cable, 2m
- Switching output, pnp/npn adjustable
- NO/NC adjustable
- Integrated temperature compensation
- Switching range adjustable via button or control line

Wiring diagram



Functional principle

Ultrasonic sensors use ultrasonic waves for non-contact and wear-free detection of many objects. Regardless of whether the object is transparent or opaque, metallic or non-metallic, or of liquid, solid or powdery consistency. Even environmental conditions such as spray, dust or rain hardly affect their function.

Type	T30UXDA
Ident-No.	3079993
Range	10... 100 cm
Ultrasound frequency	224 kHz
Temperature drift	≤ 0.02% / K
Repeatability	≥ ± 0.5 mm
Edge lengths of the nominal actuator	100 mm
Hysteresis	≤ 2 mm
Ambient temperature	-40...+ 70°C
Operating voltage	10... 30 VDC
Output function	NO contact, PNP
Short-circuit protection	yes / cyclic
Reverse polarity protection	complete
Switching frequency	≤ 10Hz
Wire breakage protection	yes
Housing	cylindrical/threaded, T30U
Dimensions	45mm
Housing diameter	Ø 40mm
Thread length	22 mm
Housing material	Plastic, Polyester
Electrical connection	cables
Cable length	2 m
Cable cross section:	4 x 0.5mm ²
Protection class	IP67
Switching state	LED yellow
Display ' Object detected '	LED red