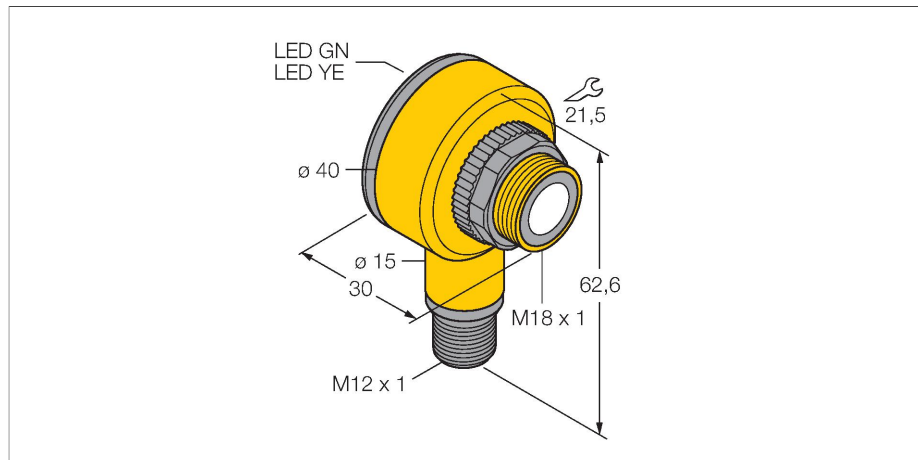


T186UEQ

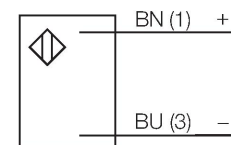
Ultrasonic Sensor – emitter



Features

- Compact design
- Connection via male M12 x 1
- Blind zone: 0 cm
- Range: 60 cm

Wiring diagram



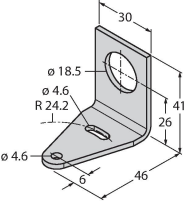
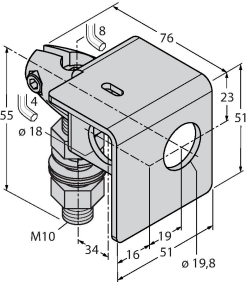
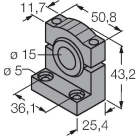
Technical data

Type	T186UEQ
ID	3038509
Ultrasonic data	
Function	Opposed mode sensor
Range	300...600 mm
Ultrasound frequency	230 kHz
Electrical data	
Operating voltage	12...30 VDC
Residual ripple	10 % U _{ss}
DC rated operational current	≤ 50 mA
Response time typical	< 1 ms
Readiness delay	≤ 100 ms
Reverse polarity protection	yes
Mechanical data	
Design	Rectangular with thread, T18U
Radiation direction	straight
Dimensions	Ø 40 x 30 mm
Housing material	Plastic, PBT
Transducer material	Plastic, Epoxyd resin and PU foam
Electrical connection	Connector, M12 x 1, PVC
Ambient temperature	-40...+70 °C
Protection class	IP67
Power-on indication	LED, Green
Tests/approvals	
Approvals	CE

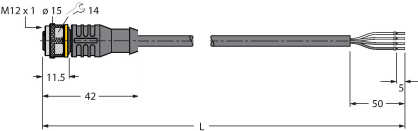
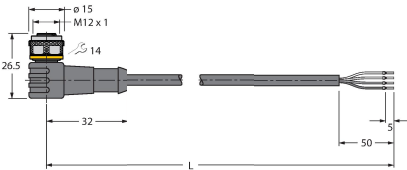
Functional principle

Ultrasonic sensors detect a multitude of objects contactless and wear-free with ultrasonic waves. Regardless of whether the object is transparent or opaque, metallic or non-metallic, liquid, solid or powdery. Even environmental conditions such as spray, dust or rain hardly affect their function.

Accessories

SMB18A	3033200	Mounting bracket, rectangular, stainless steel, for sensors with 18 mm thread	SMB18AFAM10	3012558	Mounting bracket, material VA 1.4401, for M10 x 1.5 thread, thread length 18 mm
					
SMB1815SF	3053279	Mounting bracket, PBT black, for PICO-GUARD points			
					

Accessories

Dimension drawing	Type	ID	
	RKC4.4T-2/TEL	6625013	Connection cable, M12 female connector, straight, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval
	WKC4.4T-2/TEL	6625025	Connection cable, M12 female connector, angled, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval