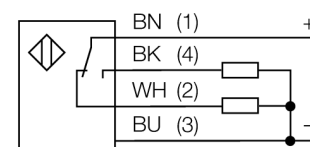


Ultrasonic Sensor receiver With Switching Output T18VP6UREQ

Type	T18VP6UREQ
ID	3055469
Ultrasonic data	
Function	Opposed mode sensor
Range	0...600 mm
Ultrasound frequency	230 kHz
Electrical data	
Response time typical	< 1 ms
Readiness delay	≤ 100 ms
Output function	Complementary contact, PNP
Mechanical data	
Design	Rectangular with thread, T18U
Radiation direction	straight
Housing material	Plastic, PBT
Transducer material	Plastic, Epoxyd resin and PU foam
Electrical connection	Connector, M12 × 1, PVC
Ambient temperature	-40...+70 °C
Protection class	IP67
Tests/approvals	
Approvals	CE

- Compact design
- Connection via male M12 x 1
- Operating voltage: 10...30 VDC
- Switching output PNP, NO
- Blind zone: 0 cm
- Range: 60 cm

Wiring Diagram



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

Type code	Ident no.		Dimension drawing
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	