SMT 7000-IO TS J

Thru Beam

Photoelectric Sensors



Compatible Receivers:

SMR 7407-IO TS J
SMR 7507-IO TS J
SMR 7420-IO TS J
SMR 7520-IO TS J

Product Data	
Function	Transmitter
Operation Mode	Thru Beam
Supply Voltage	10 - 30 V dc
Control Feature	Test input
Connection	4 pin, M12 plug
Sensing Range	20 m
Light Source	Infrared (880 nm)
Housing Material	Stainless Steel
Housing	M18 x 1
Features	IO-Link communication port

Technical Data	
Supply Voltage	10 - 30 V dc
Voltage Ripple	15 %
Reverse Polarity Protected	Yes
Current Consumption	25 mA
Test Input	Yes
Power On Indicator	Green LED
Light Source	Infrared (880 nm)
Emission Angle	+/- 2°
Housing Material, Front Lens	Polycarbonate
Housing Material, Sensor Housing	Stainless Steel (AISI 316 / 1.4401)

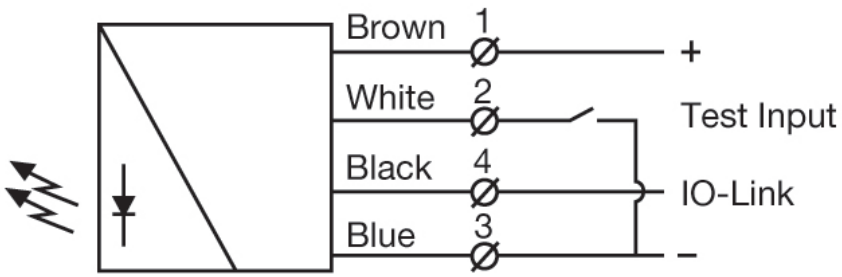
Environmental Data	
Vibration	10 - 55 Hz, 0,5 mm
Shock	30 g
Operation Temperature	-20 to +60 °C
Storage Temperature	-40 to +80 °C

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Sealing Class	IP 67

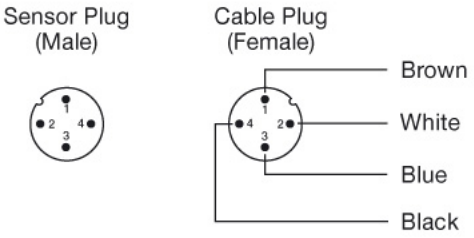
Approvals

Wiring Diagram



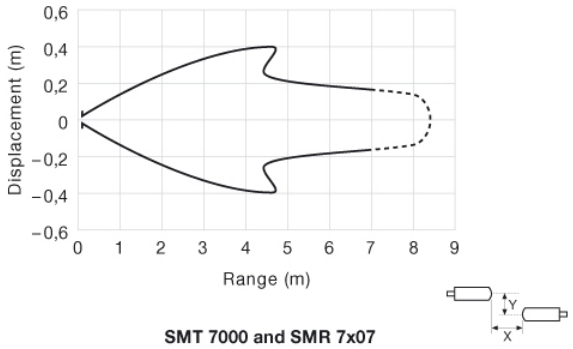
Connections

4 pin, M12

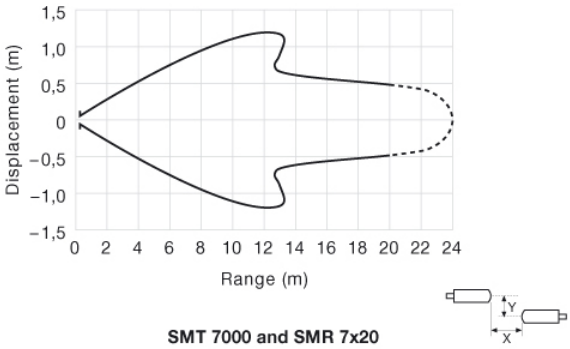


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Parallel Displacement

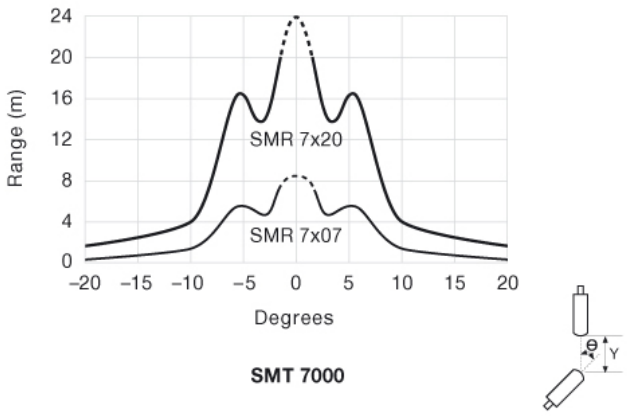


SMT 7000 and SMR 7x07



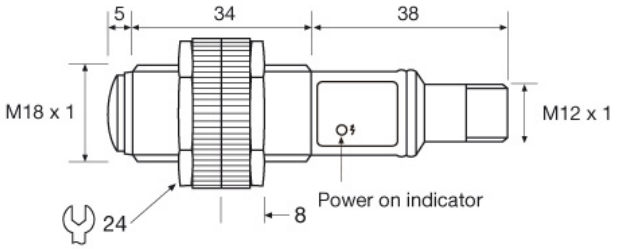
SMT 7000 and SMR 7x20

Angular Displacement



SMT 7000

Dimensions



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