SMT 8000 PG J

Thru Beam

Photoelectric Sensors



Compatible Receivers:

SMR 8400 PG J
SMR 8500 PG J
SMR 8520 PG J
SMR 8420 PG 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	Plastic
Housing	M18 x 1

Technical Data	
Supply Voltage	10 - 30 V dc
Voltage Ripple	15 %
Reverse Polarity Protected	Yes
Current Consumption	15 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	Polycarbonate

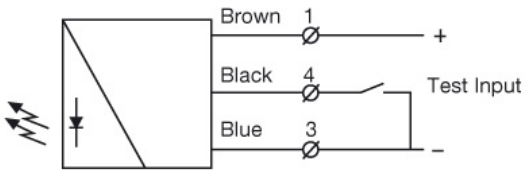
Environmental Data	
Vibration	10 - 55 Hz, 0,5 mm
Shock	30 g
Operation Temperature	-20 to +60 °C
Storage Temperature	-40 to +80 °C
Sealing Class	IP 67

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Approvals

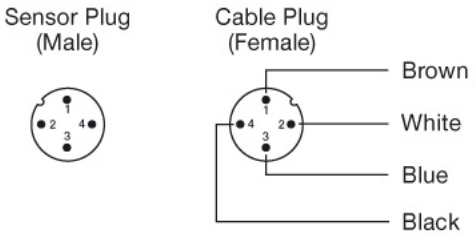
CE UK CA

Wiring Diagram

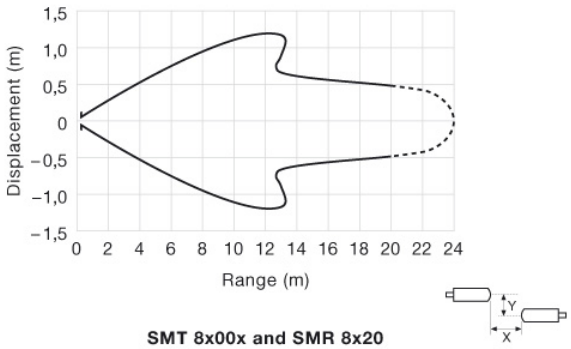


Connections

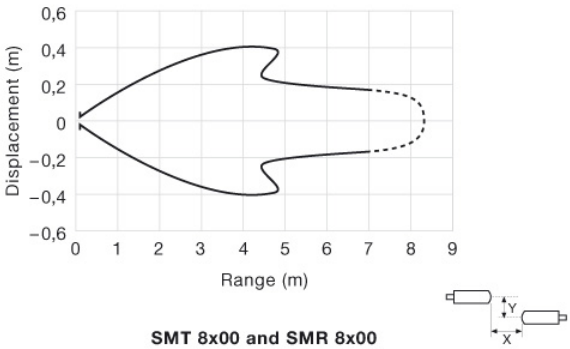
4 pin, M12



Parallel Displacement



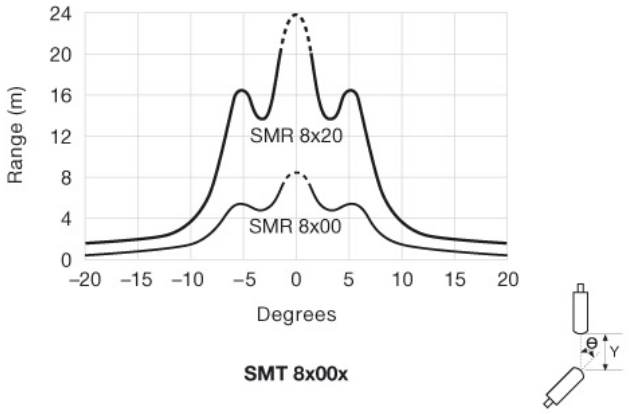
SMT 8x00x and SMR 8x20



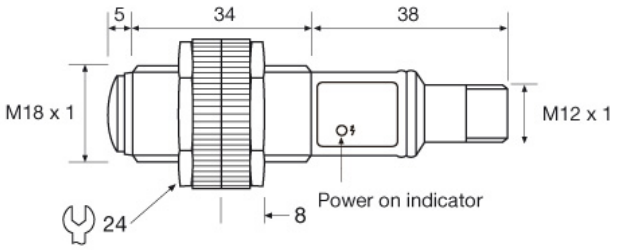
SMT 8x00 and SMR 8x00

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Angular Displacement



Dimensions



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