SMT 9020C-IO TP 0.1-J5

Thru Beam

Photoelectric Sensors



Compatible Receivers:

SMR 9420-IO TP 0.1-J5
SMR 9520-IO TP 0.1-J5

Product Data	
Function	Transmitter
Operation Mode	Thru Beam
Supply Voltage	10 - 30 V dc
Control Feature	Adjustable range and test input
Connection	0.1 m cable with 5 pin, M12
Sensing Range	20 m
Light Source	Infrared (880 nm)
Housing Material	Plastic
Housing	M18 x 1
Features	IO-Link communication port

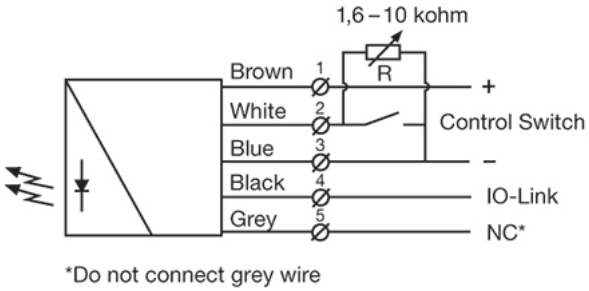
Technical Data	
Supply Voltage	10 - 30 V dc
Voltage Ripple	15 %
Reverse Polarity Protected	Yes
Current Consumption	40 mA
Test Input	Yes
Control Input	Adjustable range
Power On Indicator	Green LED
Light Source	Infrared (880 nm)
Emission Angle	+/- 7°
Housing Material, Front Lens	Polycarbonate
Housing Material, Sensor Housing	Polycarbonate
Cable	5 x 0,14 mm²
Cable Sleeve	PVC Ø 4,9 mm
Channel Nº	Selectable 4 channels selectable via IO-Link

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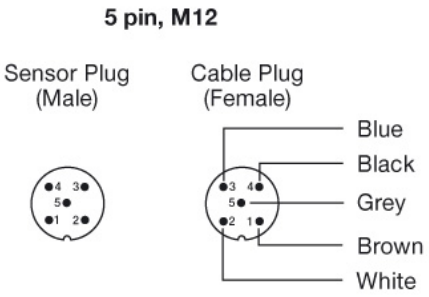
Environmental Data	
Vibration	10 - 55 Hz, 0,5 mm
Shock	30 g
Operation Temperature	-20 to +60 °C
Storage Temperature	-40 to +80 °C
Sealing Class	IP 69K

Approvals

Wiring Diagram

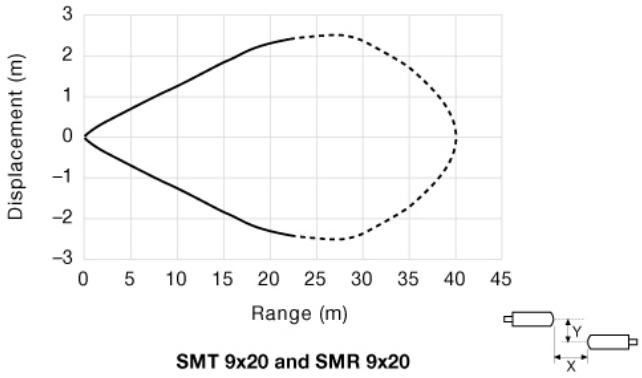


Connections



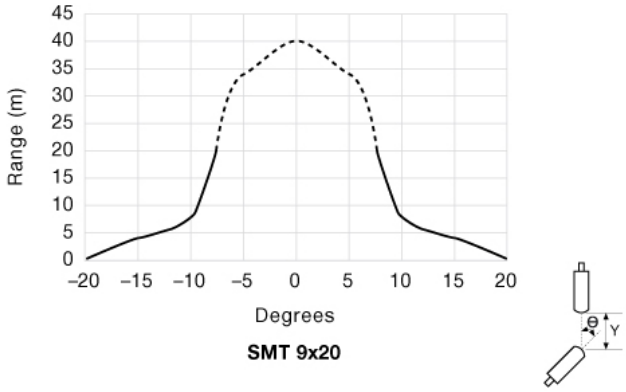
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Parallel Displacement



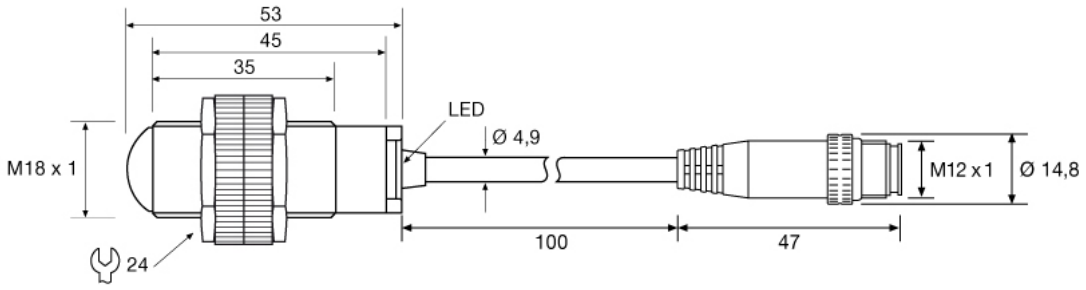
SMT 9x20 and SMR 9x20

Angular Displacement



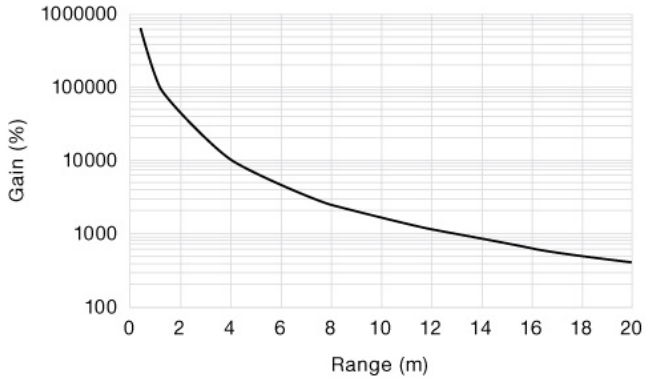
SMT 9x20

Dimensions



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Excess Gain



SMT 9020 and SMR 9x2x

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