SMT 9020C TS 15

Thru Beam

Photoelectric Sensors



Compatible Receivers:

SMR 9020 TS 15
SMR 9120 TS 15
SMR 9220 TS 15
SMR 9320 TS 15
SMR 9421 TS 15
SMR 9422 TS 15
SMR 9423 TS 15
SMR 9424 TS 15

Product Data	
Function	Transmitter
Operation Mode	Thru Beam
Supply Voltage	10 - 30 V dc
Control Feature	Adjustable range and test input
Connection	15 m cable
Sensing Range	20 m
Light Source	Infrared (880 nm)
Housing Material	Stainless Steel
Housing	M18 x 1

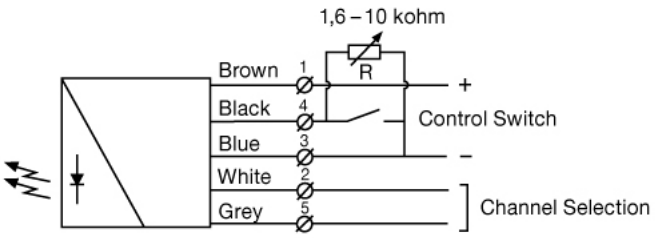
Technical Data	
Supply Voltage	10 - 30 V dc
Voltage Ripple	15 %
Reverse Polarity Protected	Yes
Current Consumption	40 mA
Test Input	Yes
Control Input	Adjustable range
Power On Indicator	Green LED
Light Source	Infrared (880 nm)
Emission Angle	+/- 7°
Housing Material, Front Lens	Polycarbonate
Housing Material, Sensor Housing	Stainless Steel (AISI 316 / 1.4401)
Cable	5 x 0,14 mm²
Cable Sleeve	PVC Ø 4,9 mm
Channel Nº	Selectable 4 channels

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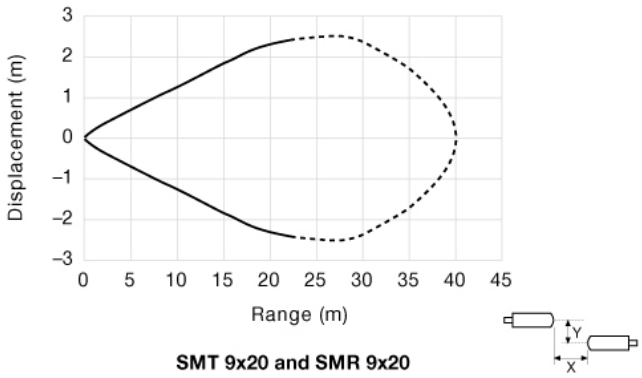
Environmental Data	
Vibration	10 - 55 Hz, 0,5 mm
Shock	30 g
Operation Temperature	-20 to +60 °C
Storage Temperature	-40 to +80 °C
Sealing Class	IP 69K

Approvals

Wiring Diagram



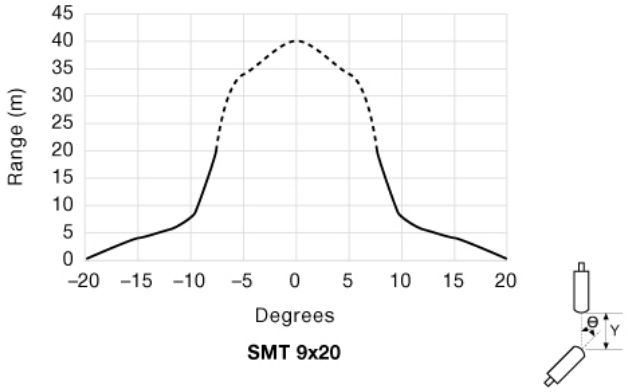
Parallel Displacement



SMT 9x20 and SMR 9x20

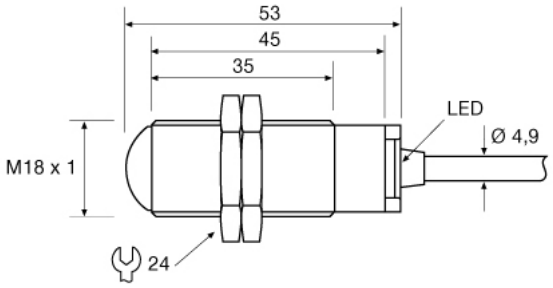
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Angular Displacement

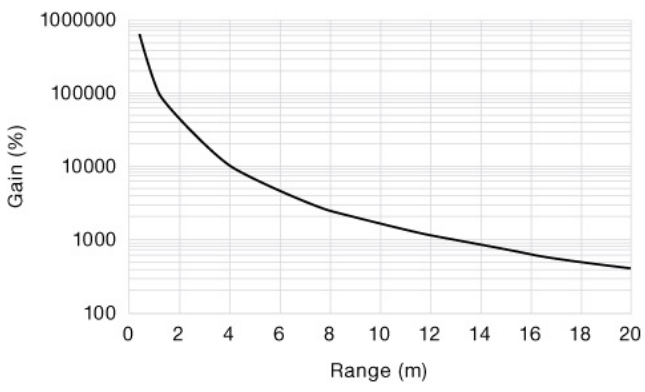


SMT 9x20

Dimensions



Excess Gain



SMT 9020 and SMR 9x2x

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