

# SMT 9070C TS 0.1-J5

## Thru Beam

Photoelectric Sensors

### Compatible Receivers:

SMR 9070 TS 0.1-J5

SMR 9170 TS 0.1-J5

SMR 9270 TS 0.1-J5

SMR 9370 TS 0.1-J5

SMR 9471 TS 0.1-J5

SMR 9472 TS 0.1-J5

SMR 9473 TS 0.1-J5

SMR 9474 TS 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	70 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	+/- 4°
Housing Material, Front Lens	Polycarbonate
Housing Material, Sensor Housing	Stainless Steel (AISI 316 / 1.4401)
Cable	5 x 0,14 mm <sup>2</sup>
Cable Sleeve	PVC Ø 4,9 mm
Channel N°	Selectable 4 channels

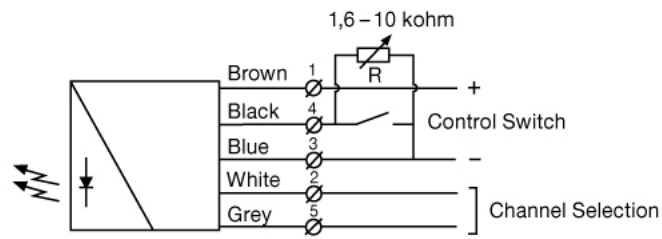
**Environmental Data**

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**



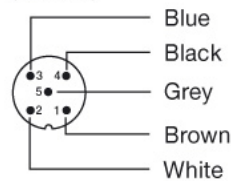
**Connections**

**5 pin, M12**

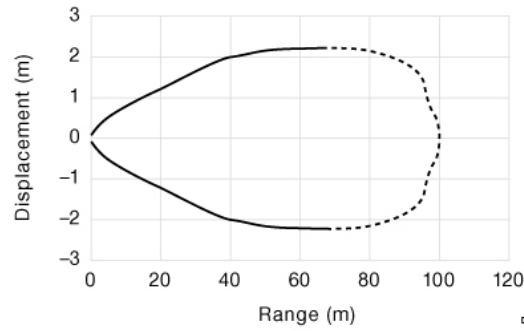
Sensor Plug  
(Male)



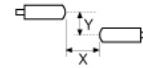
Cable Plug  
(Female)



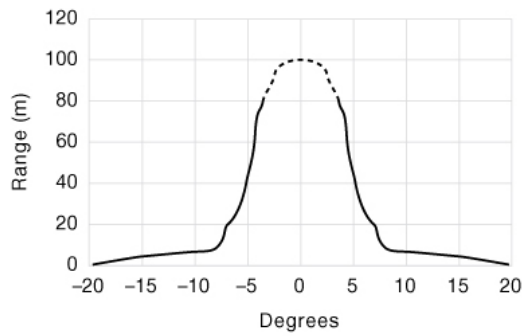
Parallel Displacement



SMT 9070 and SMR 9x70



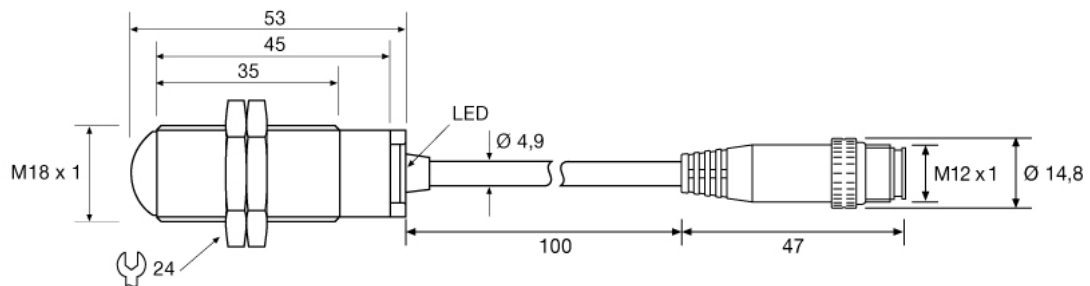
Angular Displacement



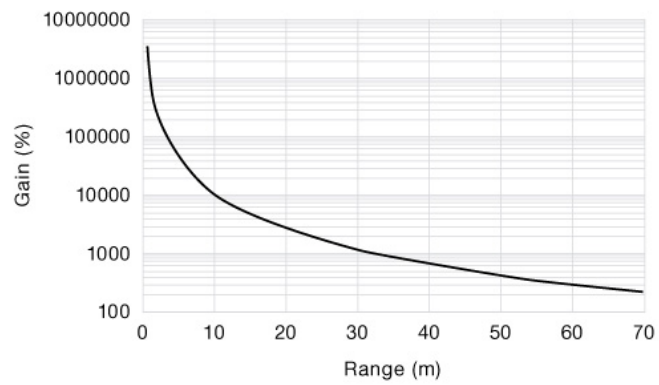
SMT 9x70



Dimensions



Excess Gain



SMT 9070 and SMR 9x7x