

SMT 9070C-IO TS 0.1-J5

Thru Beam

Photoelectric Sensors

Compatible Receivers:

SMR 9470-IO TS 0.1-J5

SMR 9570-IO 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 |
| 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 | +/- 4° |
| Housing Material, Front Lens | Polycarbonate |
| Housing Material, Sensor Housing | Stainless Steel (AISI 316 / 1.4401) |
| Cable | 5 x 0,14 mm ² |
| Cable Sleeve | PVC Ø 4,9 mm |
| Channel N° | Selectable 4 channels selectable via IO-Link |

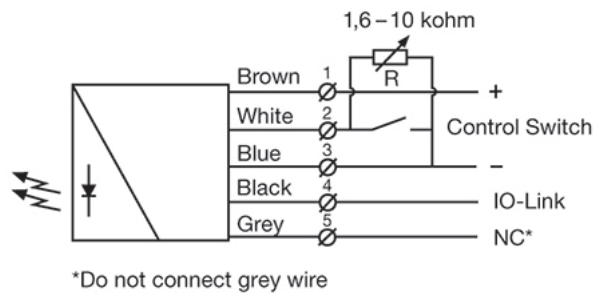
Environmental Data

| | |
|-----------------------|--------------------|
| 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 |

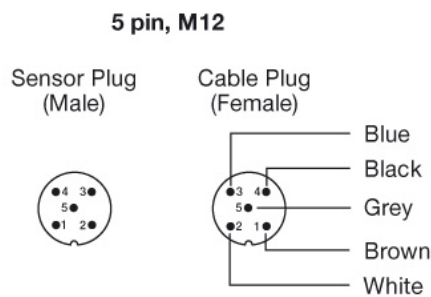
Approvals



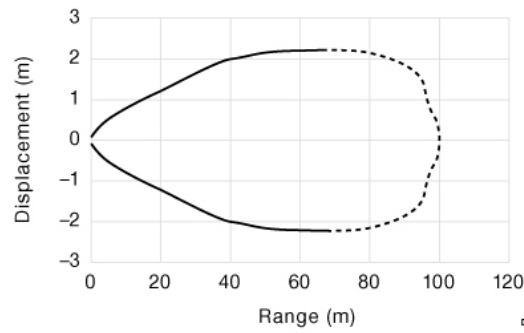
Wiring Diagram



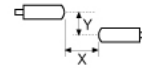
Connections



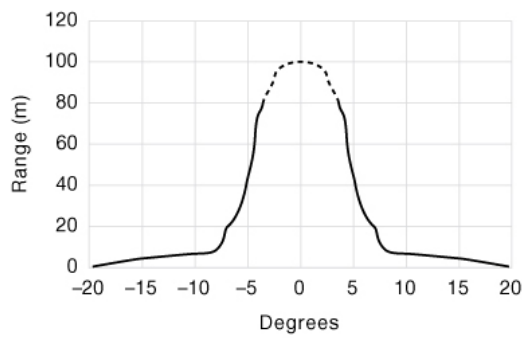
Parallel Displacement



SMT 9070 and SMR 9x70



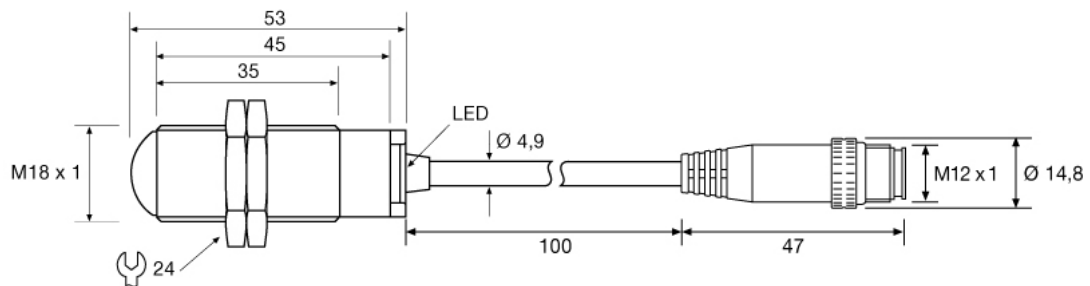
Angular Displacement



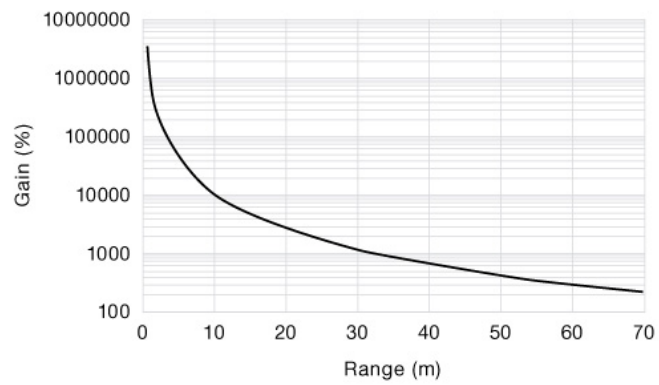
SMT 9x70



Dimensions



Excess Gain



SMT 9070 and SMR 9x7x