

SMT 9070C TP 15

Thru Beam

Standard, Photoelectric Sensors

Compatible Receivers:

SMR 9070 TP 15, SMR 9170 TP 15, SMR 9270 TP 15, SMR 9370 TP 15



Product Data	
Function:	Transmitter
Supply Voltage:	10 - 30 V dc
Light Source:	Infrared (880 nm)
Housing Material:	Plastic
Housing:	M18 x 1
Control Feature:	Adjustable range and test input
Connection:	15 m cable
Sensing Range:	70 m
Output:	-
Output Status:	-
Operation Mode:	Thru Beam

Technical Data	
Supply Voltage:	10 - 30 V dc
Voltage Ripple:	15 %
Reverse Polarity Protected:	Yes
Short Circuit Protected:	-
Current Consumption:	40 mA
Max. Output Load:	-
Max. Residual Voltage:	-
Max. Operation Frequency:	-
Power On Indicator:	Green LED
Output Indicator:	-
Hysteresis:	-
Light Source:	Infrared (880 nm)
Opening Angle:	-
Emission Angle:	+/- 4°
Cable:	5 x 0,14 mm ²

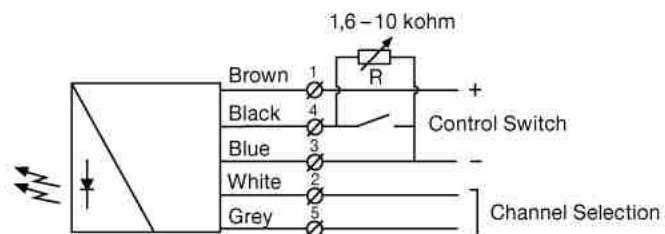
Response Time ton / toff:	-
Housing Material Sensor Housing:	Polycarbonate
Housing Material Lens Cover:	Polycarbonate
Cable Sleeve:	PVC Ø 4,9 mm
Test Input:	Yes
Control Input:	Adjustable range

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
Light Immunity 5°:	-

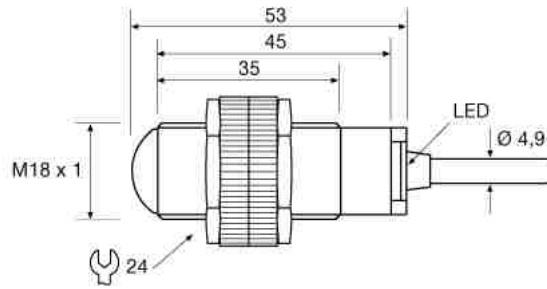
Approvals



Wiring Diagram

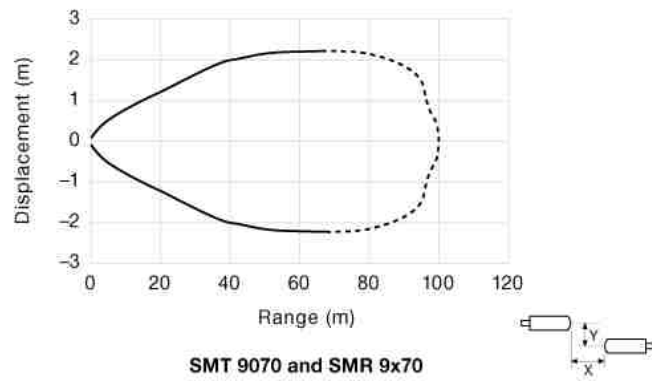


Dimensions



Sensing Characteristics

Parallel Displacement



Angular Displacement

