

SMR 3215 TP18 J

Thru Beam

Standard, Photoelectric Sensors

Compatible Transmitter:

SMT 3000HC TP18 J



Product Data	
Function:	Receiver
Supply Voltage:	10 - 30 V dc
Light Source:	-
Housing Material:	Plastic
Housing:	M18 x 1
Control Feature:	Adjustable range and test input
Connection:	4 pin, M12 plug
Sensing Range:	15 m
Output:	PNP
Output Status:	N.C.
Operation Mode:	Thru Beam

Technical Data	
Supply Voltage:	10 - 30 V dc
Voltage Ripple:	15 %
Reverse Polarity Protected:	Yes
Short Circuit Protected:	Yes
Current Consumption:	Max. 8 mA
Max. Output Load:	100 mA
Max. Residual Voltage:	2,5 V
Max. Operation Frequency:	> 40 Hz
Power On Indicator:	-
Output Indicator:	Yellow LED
Hysteresis:	Approx. 30 %
Light Source:	-
Opening Angle:	+/- 7°
Emission Angle:	-
Cable:	-

Response Time ton / toff:	< 13 ms / < 6 ms
Housing Material Sensor Housing:	Polycarbonate
Housing Material Lens Cover:	Polycarbonate
Cable Sleeve:	-
Test Input:	-
Control Input:	-

Environmental Data

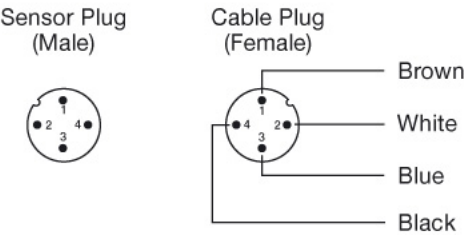
Vibration:	10 - 55 Hz, 0,5 mm
Shock:	30 g
Operation Temperature:	-20 to +50 °C
Storage Temperature:	-40 to +80 °C
Sealing Class:	IP 67
Light Immunity 5°:	35 000 lux

Approvals

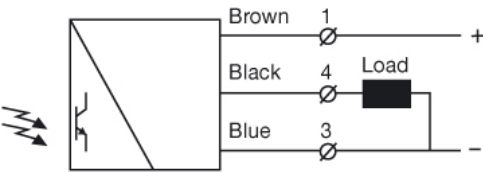


Connections

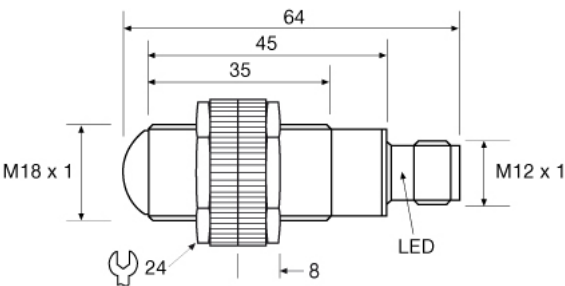
4 pin, M12



Wiring Diagram

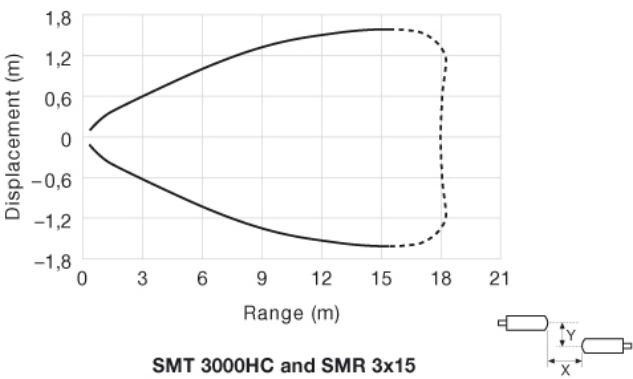


Dimensions



Sensing Characteristics

Parallel Displacement



Angular Displacement

