

SMP 7600 TP J

Diffuse Proximity

Standard, Photoelectric Sensors



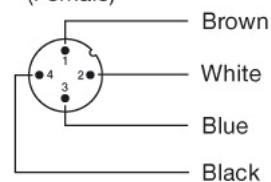
Product Data	
Supply Voltage:	10 - 30 V dc
Light Source:	Infrared (880 nm)
Housing Material:	Plastic
Housing:	M18 x 1
Control Feature:	Sensitivity pot. and light/dark switch
Connection:	4 pin, M12 plug
Sensing Range:	0,5 m
Output:	NPN/PNP
Output Status:	N.C./N.O.
Operation Mode:	Diffuse Proximity

Technical Data	
Supply Voltage:	10 - 30 V dc
Voltage Ripple:	15 %
Reverse Polarity Protected:	Yes
Short Circuit Protected:	Yes
Current Consumption:	20 mA
Max. Output Load:	120 mA / 30 V dc
Max. Residual Voltage:	2 V
Max. Operation Frequency:	250 Hz
Power On Indicator:	Green LED
Output Indicator:	Yellow LED
Hysteresis:	Approx. 3 - 10 %
Light Source:	Infrared (880 nm)
Opening Angle:	+/- 4°
Emission Angle:	-
Cable:	4 x 0,14 mm ²
Response Time ton / toff:	2 ms / 2 ms

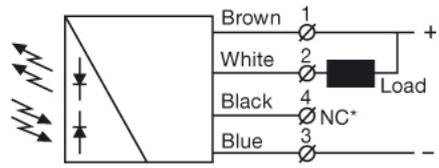
Housing Material Sensor Housing:	Polycarbonate
Housing Material Lens Cover:	Polycarbonate
Cable Sleeve:	PVC Ø 4,0 mm
Test Input:	-
Control Input:	-

Environmental Data

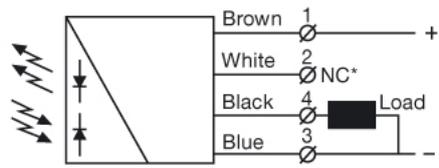
Vibration:	10 - 55 Hz, 0,5 mm
Shock:	30 g
Operation Temperature:	-20 to +60 °C
Storage Temperature:	-40 to +80 °C
Sealing Class:	IP 67
Light Immunity 5':	-
Light Immunity 15':	> 40 000 lux

Approvals**Connections****4 pin, M12**Sensor Plug
(Male)Cable Plug
(Female)

Wiring Diagram

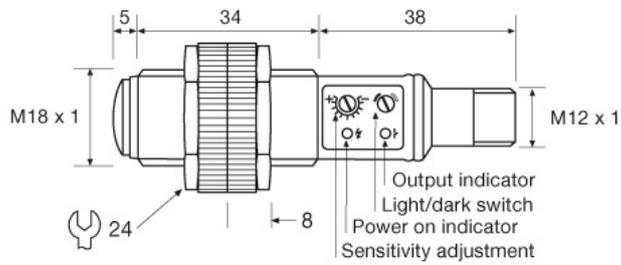


*Do not connect black wire
Load as NPN



*Do not connect white wire
Load as PNP

Dimensions



Sensing Characteristics

Parallel Displacement

