SMPF 7500-IO TS J

Fibre Sensor

Photoelectric Sensors



Product Data	
Function	Both
Operation Mode	Fibre Sensor
Supply Voltage	10 - 30 V dc
Control Feature	Sensitivity pot. and light/dark switch
Connection	4 pin, M12 plug
Sensing Range	Dependent of fibre optic
Output	PNP (IO-Link)
Output Status	N.C./N.O.
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
Short Circuit Protected	Yes
Current Consumption	30 mA
Max. Output Load	200 mA / 30 V dc
Max. Residual Voltage	2 V
Max. Operation Frequency	250 Hz
Response Time ton / toff	2 ms / 2 ms
Power On Indicator	Green LED
Output Indicator	Yellow LED
Hysteresis	Approx. 3 - 10 %
Light Source	Infrared (880 nm)
Opening Angle	+/- 4°

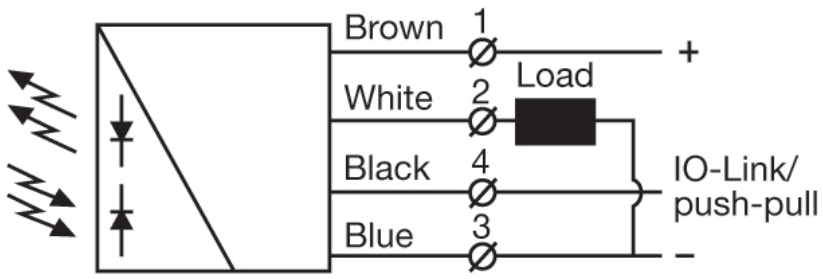
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Housing Material, Front Lens	Polycarbonate
Housing Material, Sensor Housing	Stainless Steel (AISI 316 / 1.4401)

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 15˚	40 000 lux

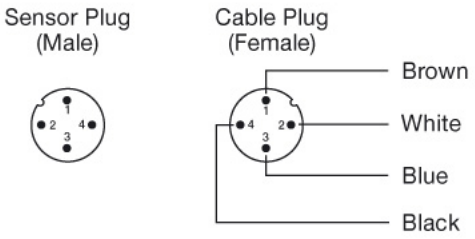
Approvals

Wiring Diagram



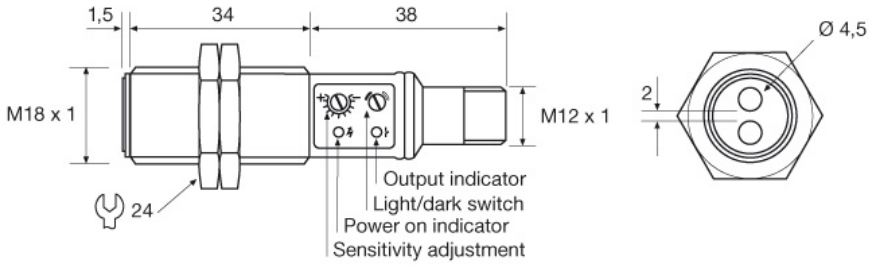
Connections

4 pin, M12



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Dimensions



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