OAST 250 NP3S T3

Optical Frame Sensors

Optical Frame Sensors



Product Data	
Function	Frame Sensor
Operation Mode	Frame Sensors
Supply Voltage	24 V dc
Control Feature	Sensitivity, pulse time and light/dark pot.
Output	NPN/PNP
Output Status	N.C./N.O.
Light Source	Infrared (880 nm)
Fork Opening Width	250 mm
Fork Opening Depth	244 mm

Technical Data	
Supply Voltage	24 V dc
Voltage Tolerance	+/- 20 %
Reverse Polarity Protected	Yes
Short Circuit Protected	Yes
Current Consumption	Max. 70 mA
Max. Output Load	200 mA
Response Time ton / toff	0,1 ms / 0,1 ms
Output Indicator	Yellow LED
Hysteresis	< 0,2 mm
Light Source	Infrared (880 nm)
Resolution	4,0 mm
Operation Frequency	5000 Hz
Housing Material, Front Lens	PMMA
Housing Material, Fork Housing	Aluminium (black anodised)

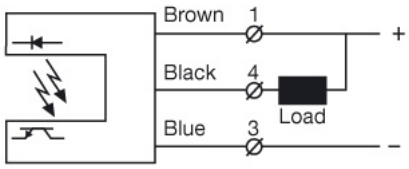
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Environmental Data	
Vibration	10 - 55 Hz, 0,5 mm
Shock	10 g
Operation Temperature	– 20 to +60 °C
Storage Temperature	– 40 to +80 °C
Sealing Class	IP 67
Light Immunity 15°	> 50 000 lux

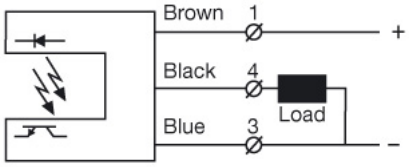
Approvals

CE UK CA

Wiring Diagram



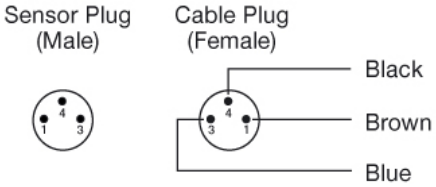
Load as NPN



Load as PNP

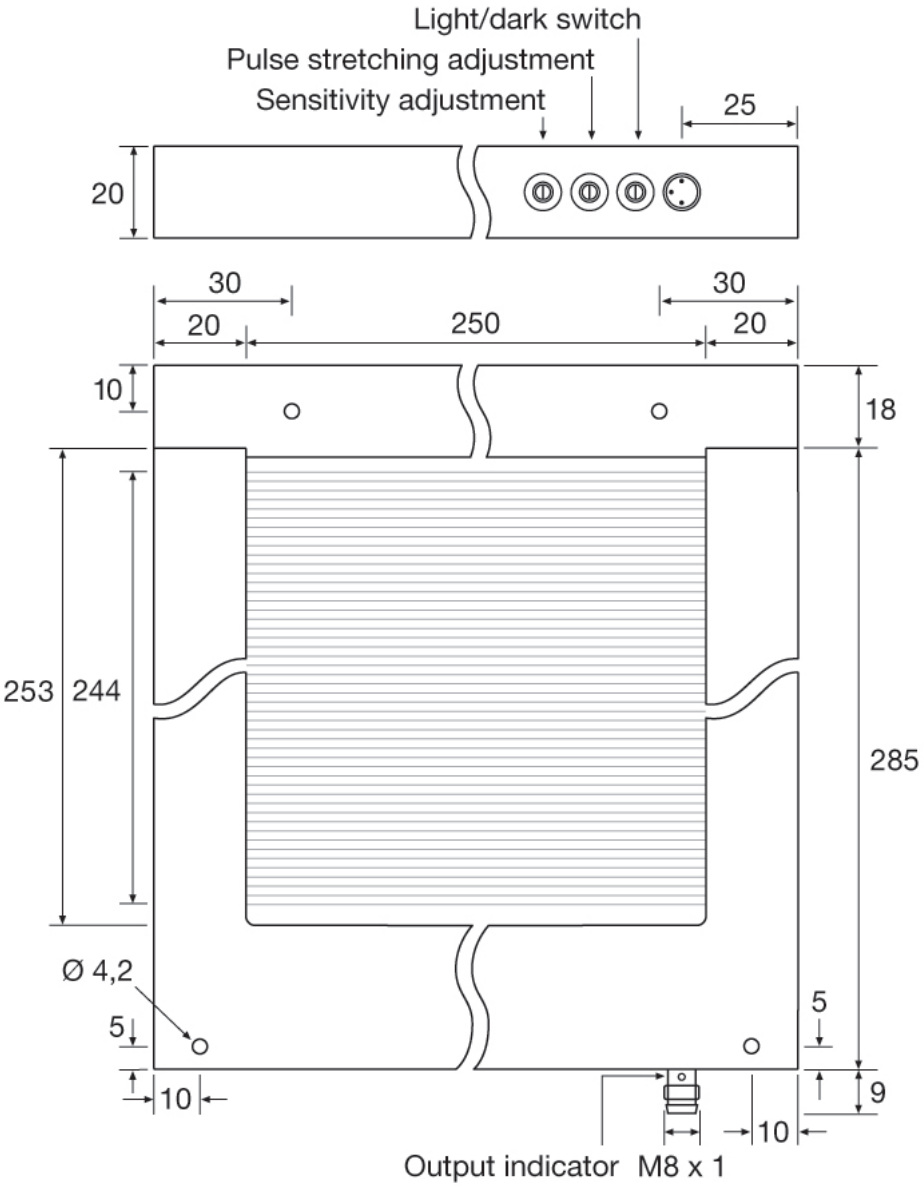
Connections

3 pin, M8



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Dimensions



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