

OFS 220 P3S T3

Optical Fork Sensors

Standard, Optical Fork Sensors



Product Data	
Supply Voltage:	10 - 35 V dc
Light Source:	Infrared
Control Feature:	Sensitivity pot. and light/dark switch
Output:	PNP
Output Status:	N.C./N.O.
Fork Opening Width:	220 mm
Fork Opening Depth:	110 mm
Operation Mode:	Fork Sensors

Technical Data	
Supply Voltage:	10-35 V dc
Reverse Polarity Protected:	Yes
Short Circuit Protected:	Yes
Current Consumption:	Max. 35 mA
Max. Output Load:	200 mA
Output Indicator:	Yellow LED
Hysteresis:	< 0,2 mm
Light Source:	Infrared (880 nm)
Response Time t_{on} / t_{off} :	0,2 ms / 0,2 ms
Housing Material Fork Housing:	Aluminium (black anodised)
Housing Material Lens Cover:	Glass
Resolution:	0,4 mm
Operation Frequency:	2500 Hz

Environmental Data	
Vibration:	10 - 55 Hz, 0,5 mm
Shock:	10 g
Operation Temperature:	- 20 to +60 °C

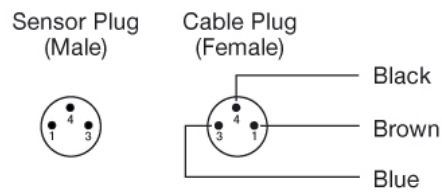
Storage Temperature:	- 40 to +80 °C
Sealing Class:	IP 67
Light Immunity 15°:	> 50 000 lux

Approvals

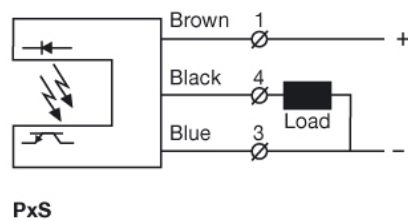


Connections

3 pin, M8



Wiring Diagram



Dimensions

