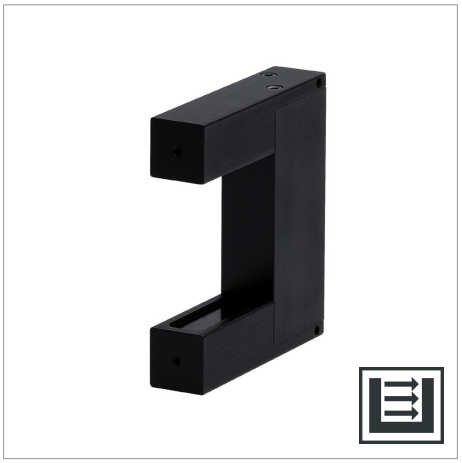
# OAS 040 P2S T3

## Optical Frame Sensors

Optical Frame Sensors



| Product Data | |
|---|---|
| Function | Frame Sensor |
| Operation Mode | Frame Sensors |
| Supply Voltage | 24 V dc |
| Control Feature | Sensitivity pot. and pulse time pot. |
| Output | PNP |
| Output Status | N.O. |
| Light Source | Infrared (880 nm) |
| Fork Opening Width | 50 mm |
| Fork Opening Depth | 35 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 | 0,5 mm |
| Operation Frequency | 5000 Hz |
| Housing Material, Front Lens | PMMA |
| Housing Material, Fork Housing | Aluminium (black anodised) |

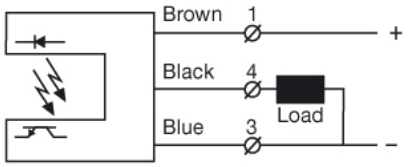
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| Environmental Data | |
|---|---|
| Vibration | 10 - 55 Hz, 0,5 mm |
| Shock | 10 g |
| Operation Temperature | – 20 to +60 °C |
| Storage Temperature | – 40 to +80 °C |
| Sealing Class | IP 67 |
| Light Immunity 15° | > 50 000 lux |

## Approvals

CE UK CA

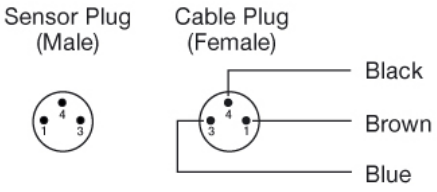
## Wiring Diagram




PxS

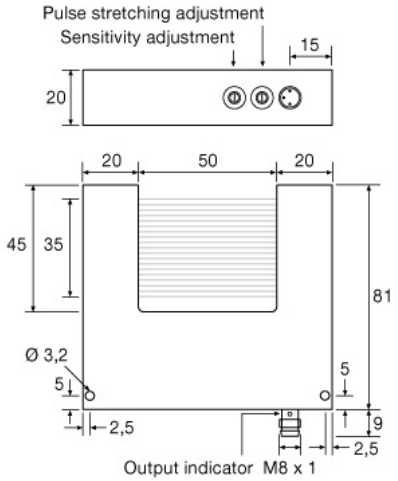
## Connections

**3 pin, M8**




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## Dimensions




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