

## OG900572

### OPTICAL SENSORS • FORKED LIGHT BARRIERS

sensor optical, fork, 110x10x80mm, fork width 90mm, 10-30V DC, 1x PNP/NPN NC/NO, IO-Link, Connector M8 3pin, IP67, Aluminum+Glass, Red light, 5kHz pulsed, Manual adjustment



#### MECHANICAL FEATURES

Ambient temperature	-25 °C ... 60 °C
Degree of protection (IP)	IP67
Design	Cuboid
Fork depth	55 mm
Fork light barrier design	Furcate
Fork width	90 mm
Housing material	Aluminum
Material of optical surface	Glass
Sensor height	110 mm
Sensor length	10 mm
Sensor width	80 mm

#### ELECTRICAL FEATURES

Analog output 0 V ... 10 V	-
Analog output 4 mA ... 20 mA	-
Connection to amplifier	-
Decay time	0.1 ms
Equipment protection class	Protection class 3
Hysteresis	0.1 mm
IO-Link compatible	+
No-load current	30 mA
Number of pins	3
Number of switching outputs	1
Operating voltage	10 V ... 30 V
Rated switching current	100 mA
Relative repeat accuracy	0.02 mm
Repeatability +/-	20 µm
Response time	0.1 ms
Reverse polarity protection	+
Scanning function	Light-/dark-on mode
Setting procedure	Manual adjustment
Short-circuit protection	+
Switching frequency	5000 Hz

**ELECTRICAL FEATURES**

Type of electrical connection	Connector M8
Type of switching function	Normally closed contact/normally open contact
Type of switching output	PNP/NPN
Type of the forked light barrier	Standard
Voltage drop	2.8 V
Voltage type	DC
With communication interface, analog	-
With communication interface, RS-232	-
With other analog output	-
With time function	-

**OPTICAL FEATURES**

Min. object size	0.3 mm
Resolution	300 µm
Light beam form	Point
Pulsed light source	+

**OTHER FEATURES**

Feeding technology	+
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**Other**

Packaging dimensions	150mm x 10mm x 160mm
Shipping weight	0.08kg
Tariff code	85365019

**Classification**

ipf product group	110
eClass 8.0	27270909
eClass 9.0	27270909
eClass 9.1	27270909
ETIM-5.0	EC002720
ETIM-6.0	EC002720
ETIM-7.0	EC002720

**Connection**



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