

OGSI0326
OPTICAL SENSORS • FORKED LIGHT BARRIERS

sensor optical, fork, Increased soiling reserve, 54x20x8mm, fork width 30mm, Anschluss an Verstärker, Cable 1m Other, IP67, Aluminum+Glass, Red light pulsed


MECHANICAL FEATURES

Ambient temperature	-20 °C ... 80 °C
Aperture diameter	1.2 mm
Cable length	1 m
Degree of protection (IP)	IP67
Fork depth	15 mm
Fork light barrier design	Furcate
Fork width	30 mm
Heavy soiling	+
Housing material	Aluminum
Material of cable sheath	Other
Material of optical surface	Glass
Punching tools	+
Sensor height	54 mm
Sensor length	19.5 mm
Sensor width	8 mm

ELECTRICAL FEATURES

Analog output 0 V ... 10 V	-
Analog output 4 mA ... 20 mA	-
Connection to amplifier	+
Equipment protection class	Protection class 3
Repeatability +/-	10 µm
Reverse polarity protection	+
Short-circuit protection	+
Type of electrical connection	Cable
Type of the forked light barrier	Increased soiling reserve
Voltage type	DC
With communication interface, RS-232	-
With other analog output	-
With time function	-

OPTICAL FEATURES

Light spot	1.2 mm ²
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OPTICAL FEATURES

Min. object size	0.01 mm
Resolution	10 µm
Light beam form	Point
Pulsed light source	+

OTHER FEATURES

Features	Blast-air connector
Feeding technology	+

Other

Packaging dimensions	77.0mm x 25.0mm x 123.0mm
Shipping weight	0.05kg
Tariff code	85365019

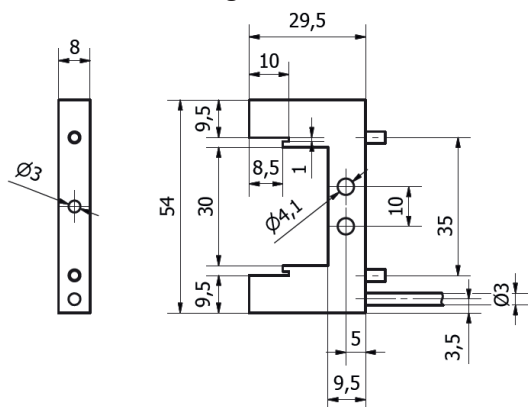
Classification

ipf product group	705
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

		GN	green transmitter anode
		BN	brown receiver collector
		YE	yellow transmitter cathode
		WH	white receiver emitter

Dimensional drawing



Installation



Mounting / installation may only be carried out by a qualified electrician!

Disposal



Safety warnings

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information.

Never use these devices in applications where the safety of a person depends on their functionality.

LED lighting systems can generate intensive UV radiation, which can damage your eyes in case of improper use. The manufacturer cannot be held responsible for damages that result from improper use or connection.