

OE080100

OPTICAL SENSORS • THROUGH-BEAM SENSORS RECEIVERS

sensor optical, Through-beam sensor receiver, M8x0.75 59long, Sn: 2.5m, 10-30V DC, PNP NO (NO), Cable 3pin 2m PVC, IP65, Brass Nickel-plated+Plastic PC, Infrared light



MECHANICAL FEATURES

Ambient temperature	-25 °C ... 65 °C
Cable length	2 m
Degree of protection (IP)	IP65
Design	Cylinder, screw-thread
Housing coating	Nickel-plated
Housing material	Brass
Material of cable sheath	PVC
Material of optical surface	Plastic PC
Sensor length	59 mm
Thread length	48 mm
Thread pitch	0.75 mm
Thread size, metric	8
Version	Through-beam sensor receiver
Wire cross section	0.14 mm ²

ELECTRICAL FEATURES

Connection to amplifier	-
Decay time	2.5 ms
Measuring range	2.5 m
No-load current	24 mA
No-load current, receiver	24 mA
Number of pins	3
Operating voltage	10 V ... 30 V
Rated switching current	100 mA
Rated switching distance	2500 mm
Response time	2.5 ms
Reverse polarity protection	+
Scanning function	Dark switching
Short-circuit protection	+
Suitable for safety functions	-
Switching frequency	200 Hz
Type of electrical connection	Cable
Type of input voltage	DC

ELECTRICAL FEATURES

Type of switching function	Normally open contact (NO)
Type of switching output	PNP
Voltage drop	2 V
Voltage type	DC
With LED display	+
With LED display (functional reserve)	+
With LED display (signal)	+
With time function	-

OPTICAL FEATURES

Light source	Infrared light
Wavelength of the sensor	880 nm
Light beam form	Point

OTHER FEATURES

Scope of delivery of the one-way system	Receiver
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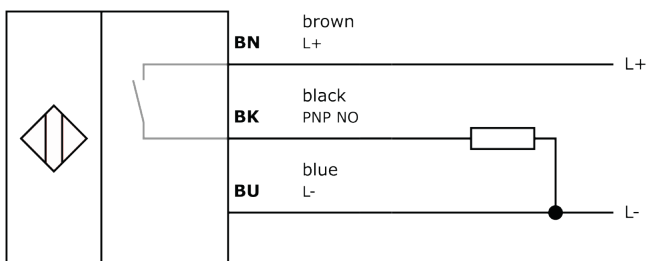
Other

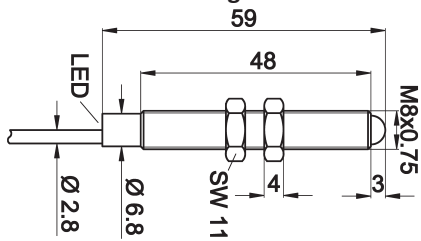
Packaging dimensions	75.0mm x 17.0mm x 95.0mm
Shipping weight	0.06kg
Tariff code	85365019

Classification

ipf product group	100
eClass 8.0	27270901
eClass 9.0	27270901
eClass 9.1	27270901
ETIM-5.0	EC002716
ETIM-6.0	EC002716
ETIM-7.0	EC002716

Connection



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.

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