

## OS08000X

### OPTICAL SENSORS • THROUGH-BEAM SENSORS TRANSMITTERS

sensor optical, Through-beam sensor transmitter, M8x0.75 59long, Sn: 2.5m, 10-30V DC, Cable 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
Number of cores	3
Sensor length	59 mm
Thread length	48 mm
Thread pitch	0.75 mm
Thread size, metric	8
Version	Through-beam sensor transmitter
Wire cross section	0.14 mm <sup>2</sup>

#### ELECTRICAL FEATURES

Connection to amplifier	-
Measuring range	2.5 m
No-load current	48 mA
No-load current, transmitter	48 mA
Operating voltage	10 V ... 30 V
Rated switching distance	2500 mm
Reverse polarity protection	+
Suitable for safety functions	-
Type of electrical connection	Cable
Type of input voltage	DC
Voltage type	DC
With time function	-

#### OPTICAL FEATURES

Light source	Infrared light
Wavelength of the sensor	880 nm

## OPTICAL FEATURES

Light beam form	Point
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## OTHER FEATURES

Scope of delivery of the one-way system	Transmitter
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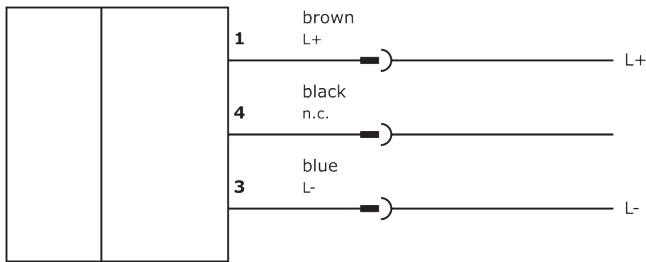
### Other

Packaging dimensions	75.0mm x 17.0mm x 95.0mm
Shipping weight	0.04kg
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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