

OS080070
OPTICAL SENSORS • THROUGH-BEAM SENSORS TRANSMITTERS

sensor optical, Through-beam sensor transmitter, M8x0.75 75long,
Sn: 2.5m, 10-30V DC, Connector M8 3pin, IP65, Brass Nickel-plated+Plastic PC, Infrared light


MECHANICAL FEATURES

Ambient temperature	-25 °C ... 65 °C
Degree of protection (IP)	IP65
Design	Cylinder, screw-thread
Housing coating	Nickel-plated
Housing material	Brass
Material of optical surface	Plastic PC
Number of cores	3
Sensor length	75 mm
Thread length	55 mm
Thread pitch	0.75 mm
Thread size, metric	8
Version	Through-beam sensor transmitter

ELECTRICAL FEATURES

Connection to amplifier	-
Measuring range	2.5 m
No-load current	48 mA
No-load current, transmitter	48 mA
Number of pins	3
Operating voltage	10 V ... 30 V
Rated switching distance	2500 mm
Reverse polarity protection	+
Suitable for safety functions	-
Type of electrical connection	Connector M8
Type of input voltage	DC
Voltage type	DC
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

Transmitter

Other

Packaging dimensions

75.0mm x 17.0mm x 95.0mm

Shipping weight

0.02kg

Tariff code

85365019

Classification

ipf product group

100

eClass 8.0

27270901

eClass 9.0

27270901

eClass 9.1

27270901

ETIM-5.0

EC002716

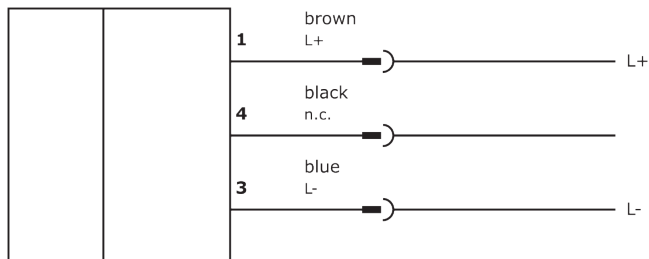
ETIM-6.0

EC002716

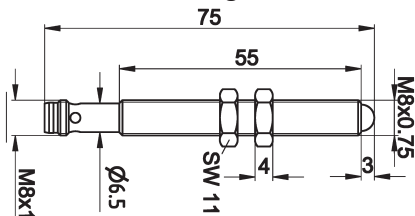
ETIM-7.0

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.

