

OE126003

HIGH PERFORMANCE LIGHT BARRIERS • THROUGH-BEAM SENSORS RECEIVERS

High performance light barrier, receiver, M12x1 45long, Normal design, Anschluss an Verstärker, Cable 2pin 15m PVC, IP67, Brass Nickel-plated+Plastic



MECHANICAL FEATURES

Ambient temperature	-25 °C ... 60 °C
Cable length	15 m
Degree of protection (IP)	IP67
Design	Cylinder, screw-thread
Housing coating	Nickel-plated
Housing material	Brass
Material of cable sheath	PVC
Material of optical surface	Plastic
Receiver design	Normal design
Sensor length	45 mm
Shock resistance	30 g
Storage temperature	-40 °C ... 80 °C
Thread length	26 mm
Thread pitch	1 mm
Thread size, metric	12
Version	Through-beam sensor receiver
Vibration resistance	55 Hz
Wire cross section	0.5 mm ²

ELECTRICAL FEATURES

Connection to amplifier	+
Max. switching distance	70 m
Number of pins	2
Suitable for safety functions	-
Switching frequency	15 Hz
Type of electrical connection	Cable
Type of input voltage	DC

OPTICAL FEATURES

Angle of beam spread	25 °
Light source	Infrared light
Wavelength of the sensor	880 nm
Light beam form	Point

OTHER FEATURES

Heavy-duty devices	+
Scope of delivery of the one-way system	Receiver

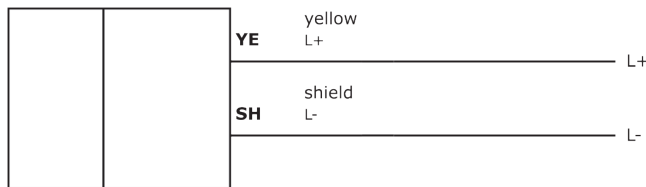
Other

Packaging dimensions	100mm x 50mm x 180mm
Shipping weight	0.39kg
Tariff code	85365019

Classification

ipf product group	101
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.