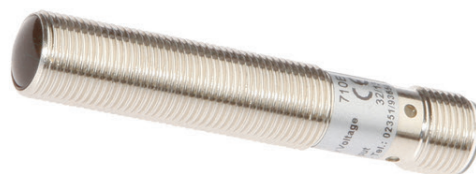


OS12A253
HIGH PERFORMANCE LIGHT BARRIERS • THROUGH-BEAM SENSORS TRANSMITTERS

sensor optical, Through-beam sensor transmitter, M12x1 66long,
Sn: 6m, 15-30V DC, Connector M12 3pin, IP67, Brass Nickel-plate-
d+Plastic, Infrared light


MECHANICAL FEATURES

Ambient temperature	-25 °C ... 60 °C
Degree of protection (IP)	IP67
Design	Cylinder, screw-thread
Housing coating	Nickel-plated
Housing material	Brass
Material of optical surface	Plastic
Reflector included in the scope of delivery	-
Sensor length	66 mm
Shock resistance	30 g
Thread length	40 mm
Thread pitch	1 mm
Thread size, metric	12
Version	Through-beam sensor transmitter
Vibration resistance	55 Hz

ELECTRICAL FEATURES

Clock frequency of the transmitter	11.7 kHz
Connection to amplifier	-
Function test	+
Measuring range	6 m
No-load current	30 mA
No-load current, transmitter	30 mA
Number of pins	3
Operating voltage	15 V ... 30 V
Reverse polarity protection	+
Setting procedure	Other
Suitable for safety functions	-
Type of electrical connection	Connector M12
Type of input voltage	DC
Voltage type	DC
With time function	-

OPTICAL FEATURES

Angle of beam spread	20 °
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
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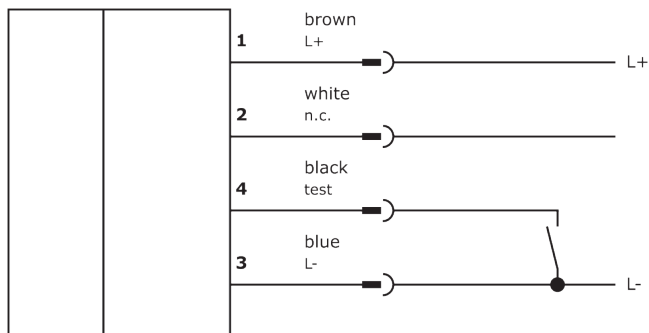
Other

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

Classification

ipf product group	700
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.