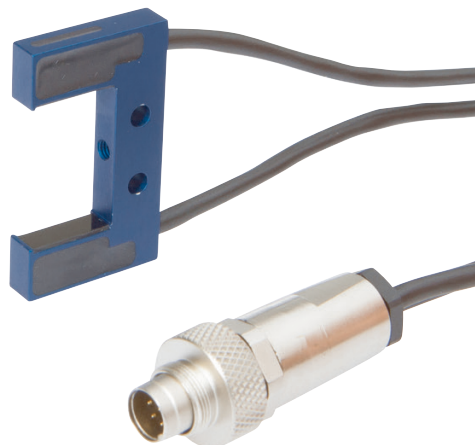


OHSI0117
OPTICAL SENSORS • FRAME LIGHT BARRIERS

sensor optical, frame 20x10, 36x5x21mm, resolution 0.2mm, 12-32V DC, Anschluss an Verstärker, Cable PUR (Polyurethane), IP67, Aluminum


MECHANICAL FEATURES

Active zone height	10 mm
Active zone width	20 mm
Ambient temperature	-20 °C ... 60 °C
Degree of protection (IP)	IP67
Design	Cuboid
Frame opening, crosswise	20 mm
Frame opening, lengthwise	13 mm
Housing material	Aluminum
Material of cable sheath	PUR (Polyurethane)
Number of cores	4
Reflector included in the scope of delivery	-
Sensor height	36 mm
Sensor length	5 mm
Sensor width	21 mm

ELECTRICAL FEATURES

Analog output 0 mA ... 20 mA	-
Analog output 0 V ... 10 V	-
Analog output -10 V ... +10 V	-
Analog output 4 mA ... 20 mA	-
Connection to amplifier	+
Operating voltage	12 V ... 32 V
Reverse polarity protection	+
Setting procedure	Parameterization
Short-circuit protection	+
Suitable for safety functions	-
Type of electrical connection	Cable
Voltage type	DC
With communication interface, analog	-
With communication interface, AS-Interface	-
With communication interface, CANOpen	-
With communication interface, DeviceNet	-
With communication interface, Ethernet	-

ELECTRICAL FEATURES

With communication interface, INTERBUS	-
With communication interface, PROFIBUS	-
With communication interface, RS-232	-
With communication interface, RS-422	-
With communication interface, RS-485	-
With communication interface, SSD	-
With communication interface, SSI	-
With monitoring function of downstream devices	-
With other analog output	-
With time function	-

OPTICAL FEATURES

Light source	Infrared light
Wavelength of the sensor	880 nm
Min. object size	0.2 mm
Resolution, dynamic	0.2
Resolution, static	0.2

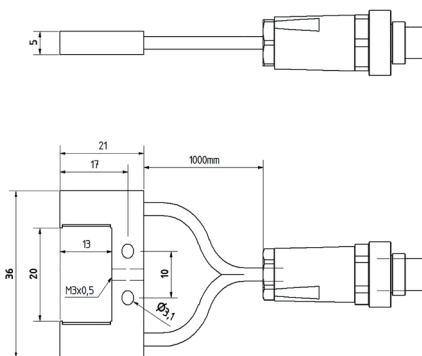
Other

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

Classification

ipf product group	705
eClass 8.0	27270911
eClass 9.0	27270911
eClass 9.1	27270911
ETIM-5.0	EC002721
ETIM-6.0	EC002721
ETIM-7.0	EC002721

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.