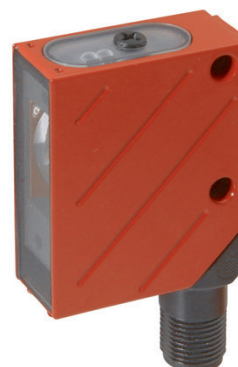


OR380421

OPTICAL SENSORS • RETRO-REFLECTIVE SENSORS

sensor optical, reflective, 48x38x15mm, Infrared light, Point, Manual adjustment, Sn: 2000, 10-30V DC, -40°C, PNP Anticoincidence, Connector M12 5pin, IP67, Metal+Glass



MECHANICAL FEATURES

Ambient temperature	-40 °C ... 60 °C
Degree of protection (IP)	IP67
Design	Cuboid
Housing material	Metal
Increased ambient temperatures >70°C	-
Material of optical surface	Glass
Reflector included in the scope of delivery	-
Sensor height	48 mm
Sensor length	38 mm
Sensor width	15 mm
Volume	Medium

ELECTRICAL FEATURES

Alarm output	-
Decay time	0.33 ms
Function test	-
Interference suppression	-
Max. switching distance	2000 mm
No-load current	35 mA
Number of pins	5
Operating voltage	10 V ... 30 V
Rated switching current	100 mA
Rated switching distance	2000 mm
Readiness delay	650 ms
Residual ripple	15 %
Response time	0.33 ms
Reverse polarity protection	+
Scanning function	Light-/dark-on mode
Setting procedure	Manual adjustment
Short-circuit protection	+
Switching frequency	1500 Hz
Type of electrical connection	Connector M12
Type of input voltage	DC

ELECTRICAL FEATURES

Type of switching function	Anticoincidence
Type of switching output	PNP
Voltage type	DC
With LED display	-
With polarizing filter	-
With time function	-

OPTICAL FEATURES

Light source	Infrared light
Wavelength of the sensor	660 nm
Light beam form	Point
For transparent objects	-

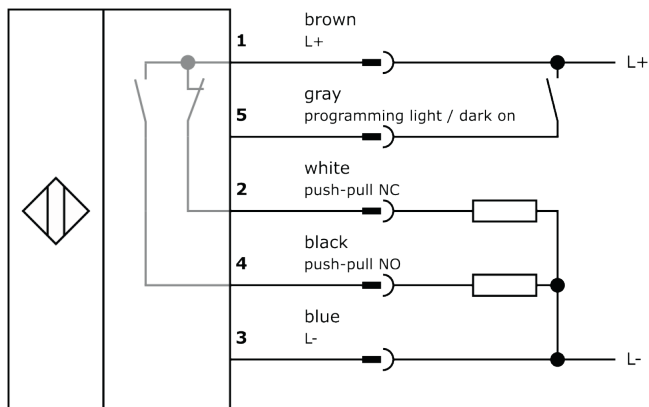
Other

Packaging dimensions	77.0mm x 25.0mm x 123.0mm
Shipping weight	0.09kg
Tariff code	85365019

Classification

ipf product group	100
eClass 8.0	27270902
eClass 9.0	27270902
eClass 9.1	27270902
ETIM-5.0	EC002717
ETIM-6.0	EC002717
ETIM-7.0	EC002717

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.