

OY400320
OPTICAL SENSORS • LIGHT RECEIVERS

sensor optical, Light receivers, 42x84x40mm, 10-30V DC, PNP Programmable/configurable, Connector M12 4pin, IP65, Aluminum


MECHANICAL FEATURES

Ambient temperature	-10 °C ... 60 °C
Degree of protection (IP)	IP65
Design	Cuboid
Housing material	Aluminum
Sensor height	42 mm
Sensor length	83.5 mm
Sensor width	40 mm
Version	Light receivers
Volume	Large

ELECTRICAL FEATURES

Connection to amplifier	-
No-load current	20 mA
Number of pins	4
Operating voltage	10 V ... 30 V
Rated switching current	200 mA
Reverse polarity protection	+
Scanning function	Light-/dark-on mode
Setting procedure	Manual adjustment
Short-circuit protection	+
Suitable for safety functions	-
Switching frequency	1000 Hz
Type of electrical connection	Connector M12
Type of input voltage	DC
Type of switching function	Programmable/configurable
Type of switching output	PNP
Voltage drop	3 V
Voltage type	DC
With LED display	+
With LED display (operation)	+
With LED display (signal)	+
With time function	-

OTHER FEATURES

Scope of delivery of the one-way system

Receiver

Other

Packaging dimensions

43.0mm x 43.0mm x 105.0mm

Shipping weight

0.2kg

Tariff code

85365019

Classification

ipf product group

100

eClass 8.0

27270903

eClass 9.0

27270903

eClass 9.1

27270903

ETIM-5.0

EC002716

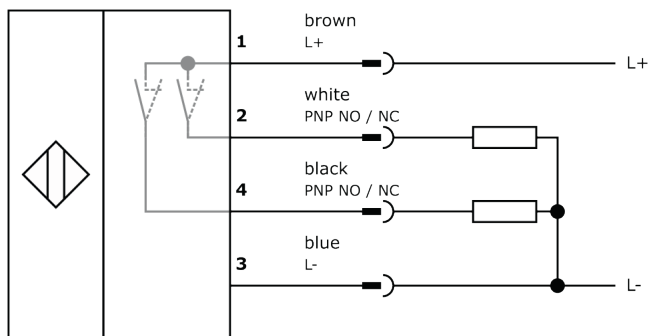
ETIM-6.0

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.