

## OV620800

### HIGH PERFORMANCE LIGHT BARRIERS • AMPLIFIERS

high performance light barrier amplifier, 58x95x36mm, NO (NO),  
Clamp, IP20, Plastic, Malfunction message output



#### MECHANICAL FEATURES

Degree of protection (IP)	IP20
Depth	90 mm
Design	Cuboid
Height	58 mm
Housing material	Plastic
Length	95 mm
Mounting method	DIN rail
Width	35.8 mm

#### ELECTRICAL FEATURES

Galvanic isolation between input and output	-
Galvanic isolation between inputs	-
Galvanic isolation between supply voltage and all other current circuits	-
High performance light barriers	+
Inherently safe according to EN 60947-5-6 NAMUR	-
Input voltage tolerance	20 %
Malfunction message output	+
Max. switching distance	55 m
No-load current	100 mA
Number of channels	1
Number of output circuits, transistor pnp	1
Number of presets to be set	2
Operating voltage	24 V
Output circuit, relay normally open contact	1
Power consumption	2.4 W
Rated switching current	0.1 A
Setting procedure	IV001498
Suitable for safety functions	-
Switching capacity	6 VA
Switching voltage	60 V
Switching voltage AC	60
Switching voltage DC	60 V
Type of electrical connection	Clamps

## ELECTRICAL FEATURES

Type of switching function	Normally open contact (NO)
Type of voltage supply	Active
Voltage type	DC

## OPTICAL FEATURES

Range (transmitter with increased power, receiver with normal design)	25
Range (transmitter with increased power, receiver with short design)	10
Range (transmitter with maximum power, receiver with normal design)	55
Range (transmitter with maximum power, receiver with short design)	20
Range (transmitter with normal power, receiver with normal design)	15
Range (transmitter with normal power, receiver with short design)	7

## OTHER FEATURES

Operating temperature	-25 °C ... 50 °C
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### Other

Packaging dimensions	60mm x 65.0mm x 100mm
Shipping weight	0.13kg
Tariff code	85365019

### Classification

ipf product group	101
eClass 8.0	27210121
eClass 9.0	27210121
eClass 9.1	27210121
ETIM-5.0	EC001485
ETIM-6.0	EC001485
ETIM-7.0	EC001485

## 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.