

OV62C903

High performance light barriers • Amplifier

High-performance photoelectric sensor amplifier, arc detection, 58x90x36mm, 24V, NO, 0-10V, terminal, IP20, plastic



The article OV62C903 is a single-channel amplifier for a light barrier from the subgroup "Amplifiers" within the super-group "High-power light barriers". As such, it processes the information it receives from its receiver and regulates the power of its transmitter accordingly. The high-power light barrier systems are designed for demanding applications where conventional light barriers reach their limits. They are characterized by extreme insensitivity to dirt, long ranges and high performance, which ensures reliable function even under difficult conditions.

The OV62C903 amplifier can achieve a range of up to 15m and thus offers reliable monitoring in various applications. Its simple installation, compact design and uncomplicated handling make it particularly user-friendly and versatile. With its robustness and reliability, the OV62C903 article is the ideal choice for industries such as the wood and paper industry, vehicle washing systems, the food industry and many other areas where a reliable photoelectric sensor solution is required.

Electrical features

Number of channels	1
Number of normally open contacts	1
Display	LED display
Type of switching function	Normally open contact (NO)
Type of analog output	0 - 10V
Type of electrical connection	Clamped terminal connection
Type of switching output	PNP
Rated switching current	100mA
Input voltage tolerance	20%
Setting procedure	Potentiometer
Short-circuit protection	Yes
No-load current	100mA
Power consumption	2.4VA
Switching capacity	6VA
Switching voltage	24V
Switching voltage AC	60V
Switching voltage DC	60V
Operating voltage (DC)	24V

Mechanical features

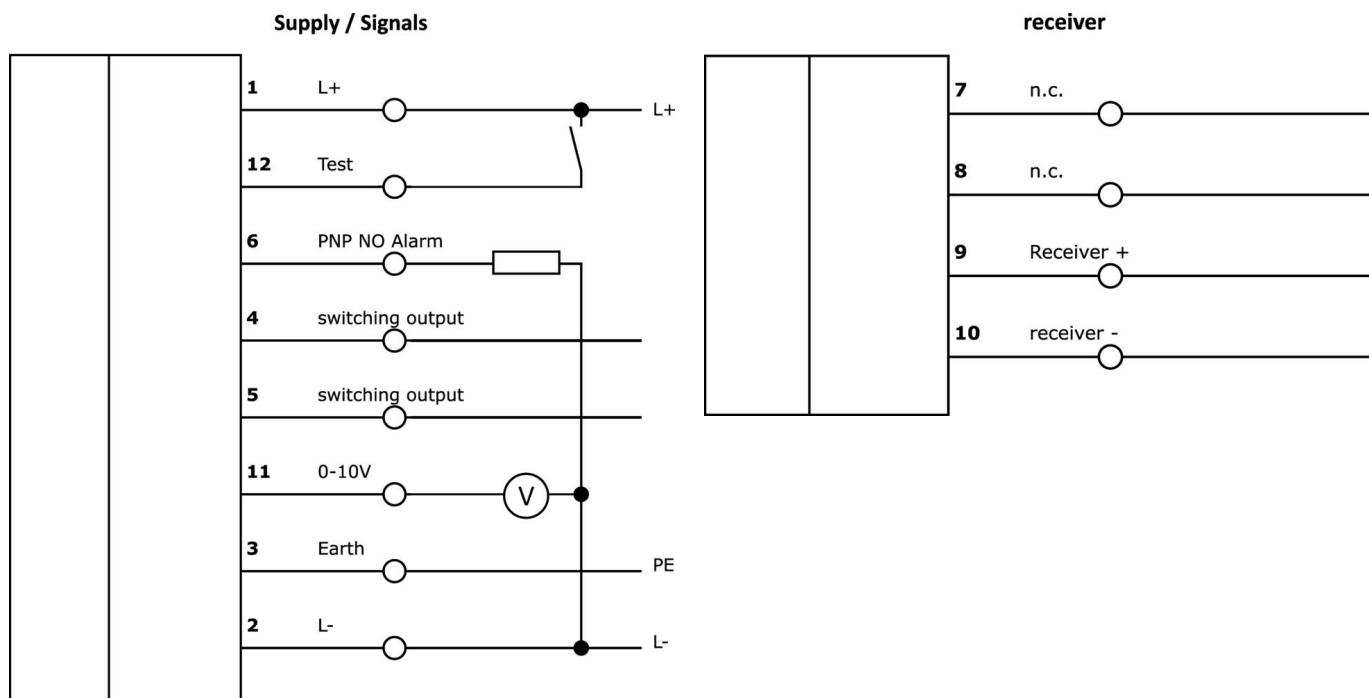
Design	Cuboid
Width	35.5mm
Height	58.5mm
Length	90mm
Mounting method	Top hat rail
Degree of protection (IP)	IP20
Housing material	Plastic
Ambient temperature	-25 - 50°C

Classification

ETIM 8	EC001485 Isolation amplifier
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More

IPF Product Group	101 high performance through-beam sensors and amplifiers
packaging dimensions	100 x 60 x 65 mm
gross weight	132 g
Customs tariff number	85365019
WEEE number	40951076
Reach-compliant	Yes
RoHS-compliant	Yes

Connection

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.

For suitable connection and mounting accessories, please refer to our website www.ipf-electronic.com.