6035961

Industrial automation components

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Manufacturer	Sick
Catalog number	6035961
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Light Source	LED, green (520 nm)
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Dimensions	109 mm x 28 mm
Operating Temperature	0°C to +40°C
Enclosure Rating	IP20
Supply Voltage	24 V DC
Power Consumption	≤ 363 mA
Connector Type	M12, 4-pin
Cable Length	0.5 m
LED Lifetime	> 35,000 h
LED Class	Risk group 1 (low risk, IEC62471:2006)
Trigger Input Signal	24 V DC High = Light ON

Description

The Sick 6035961, also known as VLR-52BR1111, is a green LED bar light designed for industrial automation applications. It features a 520 nm green LED light source, providing optimal illumination for various vision tasks. With an operating temperature range of 0°C to +40°C and a storage temperature range of 0°C to +70°C, it is suitable for diverse industrial environments. The device operates on a 24 V DC supply voltage and has a power consumption of ≤ 363 mA. It is equipped with an M12, 4-pin connector with a 0.5 m cable for easy integration. The enclosure rating is IP 20,

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indicating protection against solid objects larger than 12 mm but not against water ingress. The LED has a lifetime of over 35,000 hours, ensuring long-term reliability. The device weighs 115 g, making it lightweight and easy to install. The trigger input signal is 24 V DC, with a high signal turning the light on. The protection class is III, suitable for use in industrial settings. This bar light is ideal for applications requiring consistent and reliable illumination, such as object detection, positioning, and measurement tasks in automated systems.