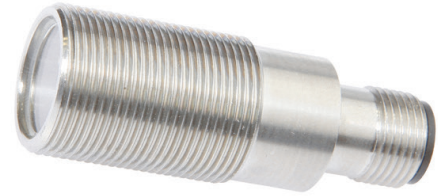


AO000172

LED-LIGHTS • MACHINE AND BENCH LIGHTS

LED lights are required in nearly every industrial sector. A lighting coordinated on the respective workplace ensures a better visibility, increases the production quality, the working safety and helps additionally to save energy costs. Their long lifetime, which is independent of switching cycles, reduces maintenance costs and increases the availability. LED lights are used for the illumination of workplaces, work areas of machines, control cabinets and several other fields of application.



MECHANICAL DATA

Ambient temperature	-20 °C ... 70 °C
Degree of protection (IP)	IP65
Diameter	18 mm
Front screen material	PMMA clear
Housing design	Cylinder, screw-thread
Housing material	Stainless steel V2A
Length	49 mm
Thread pitch	1 mm
Thread size, metric	18
Version for extended temperature range	Yes

ELECTRICAL DATA

Lamp power	0.4 W
Max. current consumption	18 mA
Nominal supply voltage	12 V ... 30 V
Number of pins	4
Reverse polarity protection	Yes
Type of electrical connection	Connector M12
Voltage type	DC

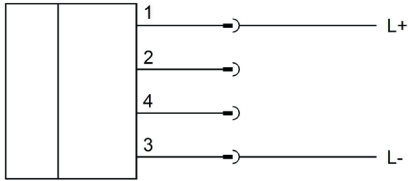
OPTICAL DATA

Illuminance at 500 mm distance	120 lx
Illumination in the center (distance 1 m)	30 lx
Light source	Cold white
Light version	Machine light
Number of LEDs	3
Radiation angle	22 °

OTHER DATA

Risk groups	1
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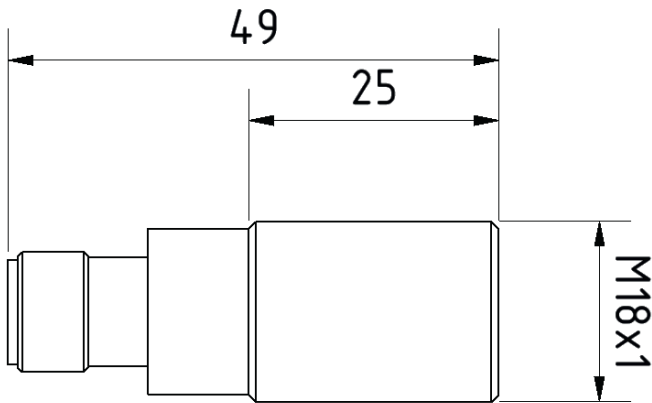
CONNECTION



Colors: 1 = BN (brown), 2 = WH (white), 3 = BU (blue), 4 = BK (black)

Functions: 1 = L+, 2 = n. c., 3 = L-, 4 = n. c.

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!