

EZ550320

LED lights • Signal lights

LED signal light, touch button, Ø55mm, overall length 79mm, multicolor LED, signal transducer, status display 360°, 24VDC, M12 cable connector 5-pin, IP65/IP69k, polycarbonate

including Nut

/ Simple feedback to a control (unit) when pressed



Status display 360° Acoustic warning signal

The dome lights are suitable for safely signaling the status of machines and systems. The colored light, which is visible from all sides, can be used to signal various statuses. The different colors can indicate warnings, pre-warnings, dangers, lack of material or operational readiness. Thanks to the high degree of protection, the lights are also protected against dust and moisture.

Electrical features

Type of switching function	Normally open contact (NO)
Type of electrical connection	Connector M12
Turn-off delay	100 s
Rated operating current	60 mA
Rated switching current	200 mA
Volume	85 dB
Power	1.44 W
Number of pins	5
Protection class	III
Version of the acoustic signal generator	Continuous tone (85dB, 3480Hz)
Operating voltage (DC)	22 - 28 V
Signal color	Yellow Green Red
ardSOCA_ElektrischerAnschluss	M12 5-pin plug connector
ardSOCA_Betriebsspannung	22-28VDC

Mechanical features

Design	Round
Diameter	55 mm
Installation depth	35 mm
Thread pitch	1.5 mm
Height	79 mm
Mounting method	Panel mounting
Degree of protection (IP)	IP65 / IP69k
Front screen scattering behavior	diffuse
Housing material	Plastic (ABS)
Front screen material	Polycarbonate
Thread dimension	M30
Ambient temperature	-20 - 50 °C
ardSOCA_Abmessungen	M30x1.5

Optical features

Lamp	LED
Light source	Multi-colored LED
Angle of beam spread	180 °
Signal color	Yellow Green Red
Risk group	0

Other features

Features	Integrated touch button with acoustic signal transducer
Average nominal service life	50000 h

Classification

ETIM 8

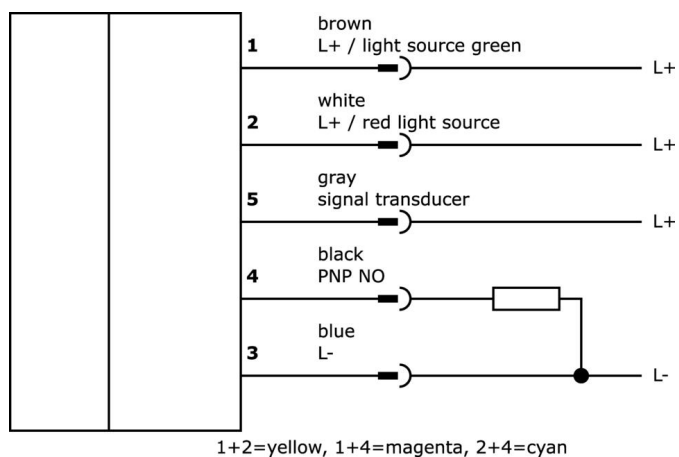
More

IPF Product Group	190 machine illuminations
packaging dimensions	90 x 75 x 75 mm
gross weight	100 g
Customs tariff number	94054239
WEEE number	40951076
Reach-compliant	Yes
RoHS-compliant	Yes

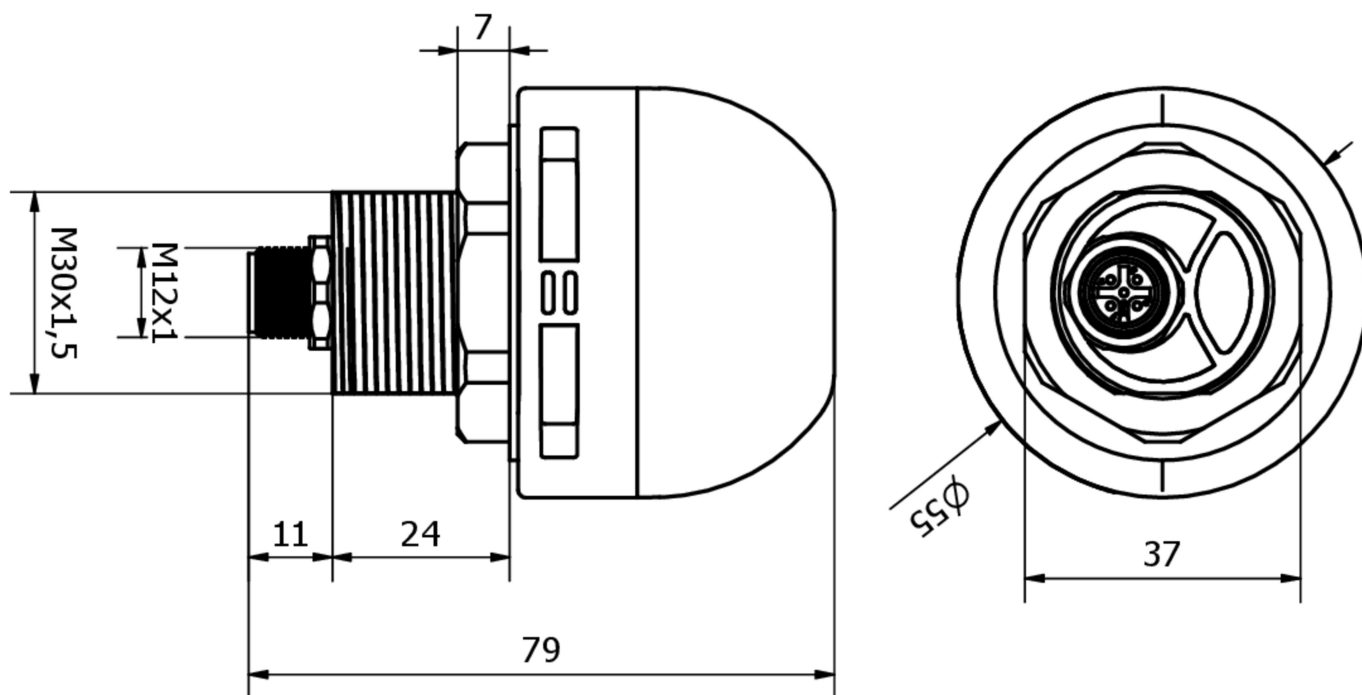
Important notes

/ Für die Tastfunktion muss eine Farbe angesteuert sein.

Connection



Dimensional drawing



Extract accessories program

NG400501



DC power supply, 1-phase, 125x114x40mm, 24-28V, 5A, 90-264V AC 50Hz, 90-264V AC 60Hz, 127-370V DC, screw connection, IP20, aluminum, stabilized, pulsed output voltage

VK003021



Cable socket, Angular, Suitable for self-assembly, Screw connection, Ø3-6.5mm, 4A, 60V, -25-90°C, M12 Female (socket) 5pin, IP67, PBT

VK003025



Cable socket, Straight, Suitable for self-assembly, Screw connection, Ø3-6.5mm, 4A, 60V, -25-90°C, M12 Female (socket) 5pin, IP67, PBT

VK200621



Connection cable, 2m, M12 Female (socket) 5pin Angular, Free conductor end, 5x0.34mm², PUR (Polyurethane), Ø5.4mm, 60V, -25-90°C, IP67, Suitable for trailing chain and torsion resistant, Oil and cooling lubricants, Welding area, Silicone-free

VK200625



Connection cable, 2m, M12 Female (socket) 5pin Straight, Free conductor end, 5x0.34mm², PUR (Polyurethane), Ø5.4mm, 60V, -25-90°C, IP67, Suitable for trailing chain and torsion resistant, Oil and cooling lubricants, Welding area, Silicone-free

VK205621



Connection cable, 2m, M12 Female (socket) 5pin Angular, Free conductor end, 5x0.34mm², PUR (Polyurethane), Ø6mm, 60V, -25-90°C, IP67, Shielded, Suitable for trailing chain and torsion resistant, Oil and cooling lubricants, Welding area, Silicone-free

VK205625



Connection cable, 2m, M12 Female (socket) 5pin Straight, Free conductor end, 5x0.34mm², PUR (Polyurethane), Ø6mm, 60V, -25-90°C, IP67, Shielded, Suitable for trailing chain and torsion resistant, Oil and cooling lubricants, Welding area, Silicone-free

AE000034



Accessories lights, mounting bracket, 62x58mm, steel

You can find further accessories on our homepage



Installation

Mounting / installation may only be carried out by a qualified electrician!



Disposal

WEEE number according to § 6 para. 3 ElektroG: 40951076

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.