

EMD00125

LED lights • Machine and bench lights

LED machine light, Ø40mm 1040mm length, white light, 48W, 7200lm, 5000K, 22-28VDC, M12-connector 5pin, IP67, aluminum+ tempered float glass



Front screen made of tempered float glass Aperture and shadow-free illumination

The lights are characterized by high quality features. These ensure high performance and a long service life. Other advantages include the robust materials and high durability against thermal and mechanical loads. The IP67 degree of protection ensures high resistance in demanding environments. The lights up withstand the most common coolants and lubricants. The diffuser ensures homogeneous and glare-free light that is 100 % flicker-free and thus contributes to fatigue-free lighting conditions.

Electrical features

Type of electrical connection	Connector M12
Rated operating current	2000 mA
Power	48 W
Luminous flux	7200 lm
Number of pins	5
Protection class	III
Operating voltage (DC)	22 - 28 V
ardSOCA_ElektrischerAnschluss	M12 5-pin plug connector
ardTEEL_Lichtausbeute	150 lm/W
ardSOCA_Betriebsspannung	22-28VDC

Mechanical features

Design	Pipe
Diameter	40 mm
Length	1040 mm
Degree of protection (IP)	IP67
Front screen scattering behavior	diffuse
Housing material	Aluminum
Front screen material	Float glass tempered
Ambient temperature	-20 - 40 °C
ardSOCA_Abmessungen	Ø40mm, 1040mm long

Optical features

Illumination in the center (distance 1 m)	2000 lx
Color temperature	5000 K
Light source	White light
Angle of beam spread	100 °
Risk group	0

Other features

Harsh environmental conditions	Yes
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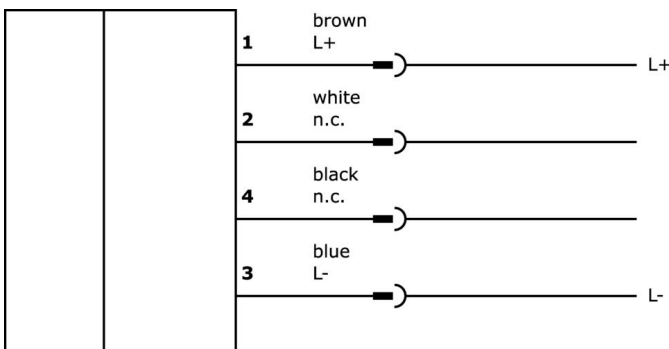
Classification

ETIM 8

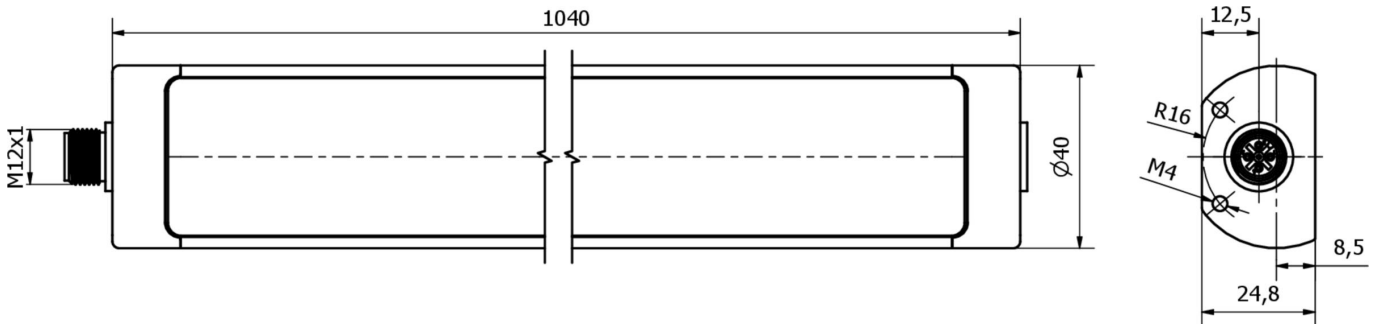
More

IPF Product Group	190 machine illuminations
packaging dimensions	1123 x 85 x 65 mm
gross weight	1360 g
Customs tariff number	94054239
WEEE number	40951076
Reach-compliant	Yes
RoHS-compliant	Yes

Connection



Dimensional drawing



Extract accessories program

VK200021



Connection cable, 2m, M12
Female (socket) 3pin Angular, Free conductor end, 3x0.34mm², PUR (Polyurethane), Ø4.3mm, 250V, -30-90°C, IP67, Suitable for trailing chain and torsion resistant, Oil and cooling lubricants, Welding area, Silicone-free

VK200025



Connection cable, 2m, M12
Female (socket) 3pin Straight, Free conductor end, 3x0.34mm², PUR (Polyurethane), Ø4.3mm, 250V, -30-90°C, IP67, Suitable for trailing chain and torsion resistant, Oil and cooling lubricants, Welding area, Silicone-free

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

VK003020



Cable socket, angular, self-assembly, screw connection, Ø3-6.5mm, 4A, 240V, -25-90°C, M12 socket 4-pin, IP67, PBT

VK003024



Cable socket, Straight, Suitable for self-assembly, Screw connection, Ø3-6.5mm, 4A, 240V, -25-90°C, M12 Female (socket) 4pin, IP67, PBT

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

AE000011



Light up accessories, mounting bracket, M4x0.7 30 long, mounting material for light, bracket, stainless steel, 90°

AE000012



accessories lights, Mounting angle bracket, M4x0.7 30long, Mounting material for lights, brackets, Stainless steel, 90°

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.