

EM410124

LED lights • Machine and bench lights

LED Machine Light, Ø40mm, 715 long, white light, 32W, 4400 lx, 5500K, 22–26 V DC, -30–50°C, M12-connector 4-pin, IP67, aluminum + safety glass



No UV and IR radiation Front screen made of toughened safety glass

These high-intensity, flicker-free LED lights are suitable for tight installation spaces where harsh production conditions and temperatures up to +60 °C prevail. This is made possible by oil-resistant sealing and 4 mm shatterproof, opal-white safety glass. Furthermore, the lights offer a degree of protection of IP69/IP69K. They are chip-resistant, vibration- and shock-resistant, and 100% CNC-compatible. The accessory line includes various mounting brackets for secure installation.

Electrical features

Type of electrical connection	Connector M12
Rated operating current	1334 mA
Power	32 W
Luminous flux	3440 lm
Number of pins	4
Protection class	III
Operating voltage (DC)	21,6 - 26,4 V
Electrical connection	M12 4-pin connector
Operating voltage	22–26 VDC

Mechanical features

Design	Pipe
Diameter	40 mm
Length	712 mm
Degree of protection (IP)	IP67
Front screen scattering behavior	diffuse
Housing material	aluminum
Front screen material	Safety glass
Ambient temperature	-30 - 50 °C
dimensions	Ø40 mm, 712 mm long

Optical features

Illuminance at 500mm distance	4400 lx
Illumination in the center (distance 1 m)	1100 lx
Color temperature	5500 K
Lamp	LED
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

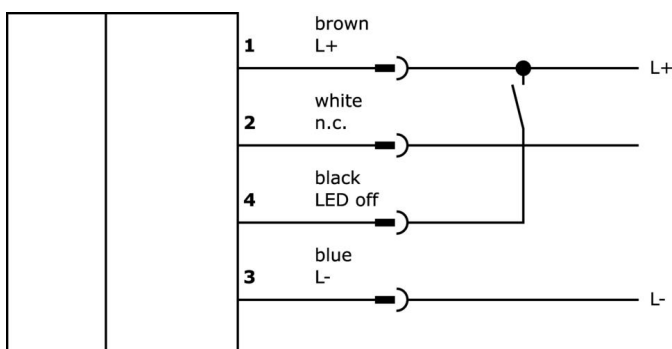
More

IPF Product Group	190 machine illuminations
packaging dimensions	1180 x 80 x 80 mm
gross weight	1224 g
customs tariff number	94054239
WEEE number	40951076
Reach-compliant	Yes
RoHS-compliant	Yes

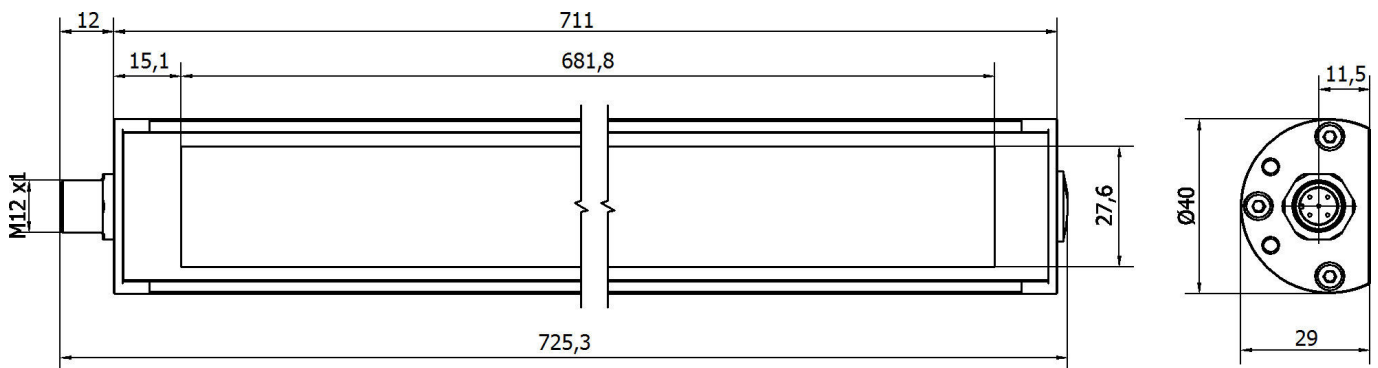
Important notes

/ the inputs at PIN 1 and 4 are exclusively OR-linked. If voltage is applied to only one PIN, the light is switched on. By wiring the other input, the light can be switched on and off with a low switching current.

Connection



Dimensional drawing



Extract accessories program

VY000007



LED brightness module,
55x145x121mm, 4A, 24V DC, M12
connector, IP40, plastic

VK200321



Connection cable, 2m, M12 socket
4-pin angular, free cable end, 4x0.
34mm², PUR (polyurethane), Ø4.
7mm, 250V, -40-90°C, IP67,
suitable for trailing chain and
torsion resistant, oils and cooling
lubricants, welding area, silicone-
free

VK200325



Connection cable, 2m, M12 socket
4-pin straight, free cable end, 4x0.
34mm², PUR (polyurethane), Ø4.
7mm, 250V, -40-90°C, IP67,
suitable for trailing chain and
torsion resistant, oils and cooling
lubricants, welding area, silicone-
free

NG400501



DC power supply, single-phase,
125x114x40 mm, 24–28 V, 5 A,
90–264 V AC 50 Hz, 90–264 V AC
60 Hz, 127–370 V DC, screw
connection, IP20, aluminum,
regulated, pulsed output voltage

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

VK000037



Adaption, M12 Female (socket)
3pin Straight, M8 Male
(connector) 3pin Straight, 24V, -
25-85°C, IP67, Oil and cooling
lubricants, Welding area

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

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.