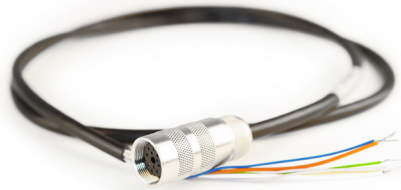


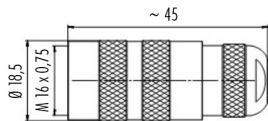
LUMIMAX® Connection Cable

Product image



Picture may differ from the original product

Drawing M16 12-pin socket



Description

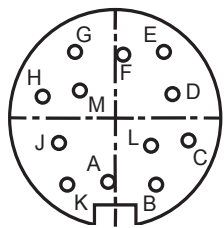
- connection cable with a M16 12-pin socket for lightings of the LUMIMAX® product series, suitable for drag chain and robotics
- available lengths:

1.0 m (Article No. 115.0000.01)	15.0 m (Article No. 115.0000.06)
2.5 m (Article No. 115.0000.02)	20.0 m (Article No. 115.0000.10)
5.0 m (Article No. 115.0000.03)	25.0 m (Article No. 115.0000.11)
7.5 m (Article No. 115.0000.04)	30.0 m (Article No. 115.0000.12)
10.0 m (Article No. 115.0000.05)	
- connection cable with customer-specific lengths available on request (Article No. 115.0000.00)
- coolant and lubricant resistance

Technical data

Nominal voltage range in conjunction with LUMIMAX® light	19 to 30 V DC (maximum tested nominal voltage of the cable 300 V DC)
Approvals	CE cable – cURus (E310776; Styles 10493 & 2464, 300 V / 80 °C) plug – cURus (E302391; Style 2238)
Wire construction	5x 0.15 mm ² (green, yellow, grey, pink, blue) 2x 0.5 mm ² (white, brown) wire insulation made of TPE mixture
Outer diameter	ca 6 mm
Minimum bending radius for operation in energy chains	12,5 x d max. acceleration 50 m/s ² number of double strokes > 5 Mio.
Temperature range	-5 °C up to +70 °C according to DIN EN 60811, part 1-4 section 8.2 +5 °C up to +70 °C for operation in energy chains with >50.000 cycles
Outer sheath	PVC mixture, oil-resistant according to VDE, flame-resistant
Shield	shielding braid, tinned Cu-wires
Connector Plug	Binder series 423, 12-pin, female, M16, IP64
Cable designation	CF900.13.602
Robotic use	1 million cycles, +/- 90° torsion
Weight	61 g / m
Tariff code	85399090
Country of Origin	Germany

Pin- / Wire assignment M16 plug for LUMIMAX® lights*1



Pin	Wire colour	Configuration for lightings with continuous operating mode *1	Configuration for lightings with flash and lightings with switching inputs *1	Configuration for lightings with continuous and flash operating mode *1
A + K	white	GND	GND	GND
B + L	brown	U _B	U _B	U _B
C	green	nc	nc	nc
D	yellow	VC	VC	VC
E	grey	nc / GND (depending on type)	NC / +Trigger TTL (depending on type)	Switching operating mode
F	pink	nc / GND (depending on type)	+Trigger TTL / PLC (depending on type)	+Trigger TTL / PLC (depending on type)
G	blue	nc / GND (depending on type)	GND Trigger	GND Trigger
H	Shield	Shield	Shield	Shield
J	nc *2	nc	nc	nc
M	nc	nc	nc	nc

*1 – For the exact configuration please note the respective product data sheet

*2 – nc = not connected



LUMIMAX® LED lights and cables are registered at Stiftung Elektro-Altgeräte Register® under WEEE Reg. No. DE 48985193. Ensure the separate collection of electrical and electronic equipment. On request, the iiM AG will handle the proper disposal of returned cables. Contact via > info@iiMAG.de

The aims of the Packaging Act (VerpackG) are the avoidance or reduction, reuse and recycling of packaging waste to protect the environment. Properly recycle packaging waste.



EU and UK Documents of Conformity for all LUMIMAX® lights are available on request.
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