

LUMIMAX® Extension Cable - Technical Data

Product image



Picture may differ from the original product

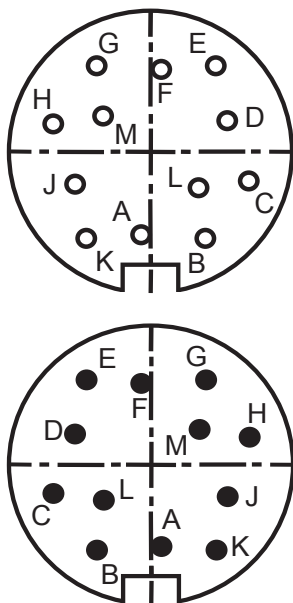
Description

- Extension cable with a M16 12-pin plug and M16 12-pin socket for lights of the LUMIMAX® product series
- suitable for drag chain
- 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, cURus (E310776: Styles 10493 & 2464, 300 V / 80°C)
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 (d)	ca. 6 mm
Minimum bending radius for operation in energy chains	12,5 x d Max. acceleration: 100 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	insulating PP mixture, oil-resistant according to VDE, flame-resistant
Shield	Shielding braid, tinned Cu-wires
Electrical connection	Plug and socket Binder series 423, 12-pin, M16, IP64
Cable designation	CF900.13.602
Robotic use	1 million cycles, +/- 90° torsion
Weight	52 g / m
Tariff code	85399090
Country of Origin	Federal Republic of Germany

Pin- / Wire assignment M16 plug for LUMIMAX® lightings *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	nc	nc	nc
M	nc	nc	nc	nc

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