

LUMIMAX® Extension Cable AV – Technical Data

Product image



Picture may differ from the original product

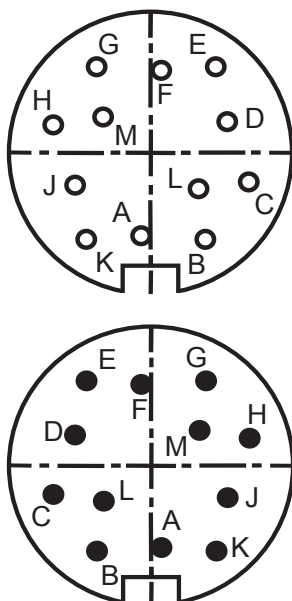
Description

- Extension cable with a M16 12-pin plug (male) and a M16 12-pin socket (female) for lightings of the LUMIMAX® product series
- Suitable for drag chain
- Coolant and lubricant resistance
- Low-temperature-flexible
- Extension cable for heaviest duty applications
- Free from silicone and halogen

Technical data

Nominal voltage range in conjunction with LUMIMAX® light	19 to 30 V DC (Maximum tested nominal voltage of the cable 1000 V DC)
Approvals	CE (following 2014/35/EU) EAC Certificate No. RU C-DE.ME77.B.00300/19 UKCA UL AWM (Styles 11886 & 22351 at 1000V, 90°C), UL verified (Certificate No. B129699)
Wire construction	7x 0.5 mm ² (green, yellow, grey, pink, blue, white, brown) Wire insulation made of TPE mixture
Outer diameter (d)	ca. 8.5 mm
Minimum bending radius for operation in energy chains	5 x d Max. acceleration: 100 m/s ²
Temperature range	-50 °C to +100 °C (according to DIN EN 60811-504)
Outer sheath	Low-adhesion, extremely abrasion-resistant and highly flexible TPE mixture (colour steel-blue)
Shield	Shielding braid, tinned Cu-wires
Electrical connection	Plug and socket Binder series 423, 12-pin, M16, IP64
Cable designation	CF10.05.07
Weight	99 g/m
Tariff code	85399090
Country of Origin	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