

Mini (7/8) 5 pole, Male (Ext.) 0°/Female 0°

PVC 5x16AWG ye UL/CSA, STOOW

Art.No.: 7700-A5A01-UBD0500

Weight: 1.148 Country of origin: DE

Model designation: MSCAL0-CB-UUBD_5.0

Advantages of our connectors:

Our connectors are versatile and specially optimised for industrial environments. All connectors are 100% tested during the manufacturing process to ensure the highest quality and reliability.

The contacts are gold-plated, which ensures optimum conductivity. Thanks to the high degree of protection, the connectors are ideal for demanding industrial environments. They are also vibration-resistant - this is ensured by the union nut with vibration protection.

Our connectors are resistant to oils and cooling lubricants, but resistance to aggressive media should be tested for each specific application. Different cable lengths available on request

If you are missing technical information? Please feel free to use our dictionary to find more technical details.

Product details: Male straight – female straight 7/8" – 7/8", 5-pole Power cable USA

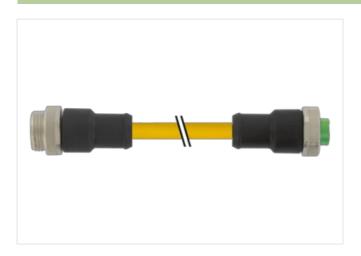
Further cable lengths on request.

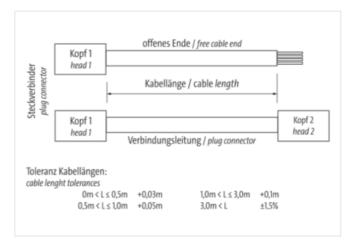
Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

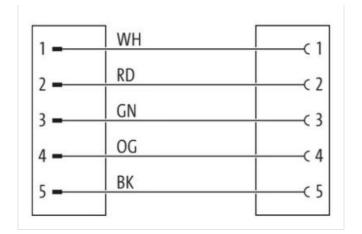
Illustration

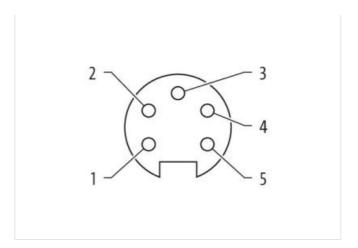


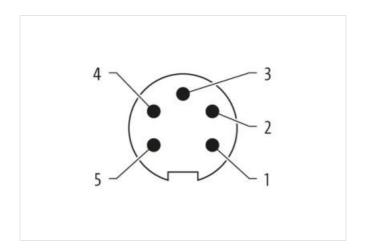




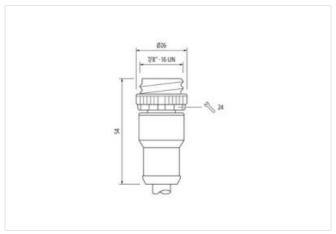
stay connected











Product may differ from Image



Cable length	5 m
Side 1	
Tightening torque	1,5 Nm



stay connected

Thread	Family construction form	7/8"
Width scross flats SW24 Side 2 Timpleming torque 1.5 Nm Thread 7.8°* Commercial data Commercial data ECLASS-0.0 27279218 ECLASS-0.0 27279218 ECLASS-0.0 27279218 ECLASS-9.0 27780011 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.2.0 27060312 ECLASS-1.3.0 27060313 ECLASS-1.0 27060314 ECLASS-1.1 27060317 ECLASS-1.2.0 27060317 ECLASS-1.3 40487844242 Packaging unit 1 Electrical data Supply 40487844424 Operating voltage AC max. 600 V Operating voltage AC max. 600 V Operating voltage AC max. 9 A Device protection Electrical 1P88 Material bousing Niceled Locking material Niceled Locking material Niceled Locking material Niceled </td <td>Thread</td> <td>7/8"</td>	Thread	7/8"
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Banding silk paper Filler yes	Amount stranding	1
Filler yes	Stranding	5 wires around Core filler twisted
	Banding	silk paper
wire arrangement orange, green, red, white, black	Filler	yes
	wire arrangement	orange, green, red, white, black

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2025-08-03



Cable weigth	189,2 g/m
Material jacket	PVC
Freedom from ingredients (jacket)	lead-free, CFC-free
Outer-diameter (jacket)	12,7 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	5
Outer diameter insulation	3,05 mm
Outer diameter tolerance core insulation	± 5 %
Ingredient freeness wire insulation	lead-free, CFC-free
Amount strands (wire)	26
Diameter of single wires	30 AWG
Conductor crosssection (wire)	16 AWG
Material conductor wire	Stranded copper wire, bare
Nominal voltage AC max.	600 V
Current load capacity (standard)	according to NFPA-70 (NEC) : 400.5(A) (1-3)
Current load capacity min. wire	8 A
Electrical resistance line constant wire	13,1 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	6 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	6 kV @ 60 s
Min. operating temperature (static)	-50 °C
Max. operating temperature (fixed)	105 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	90 °C
Flame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter