

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

PUR 5x1.5 (5x16AWG) bk UL/CSA

Art.No.: 7700-A5001-UMD7000

Weight: 7.329

Country of origin: DE

Model designation: MSCAL0-UUMD_70.0

Male straight

7/8" (5-pole)

Power cable

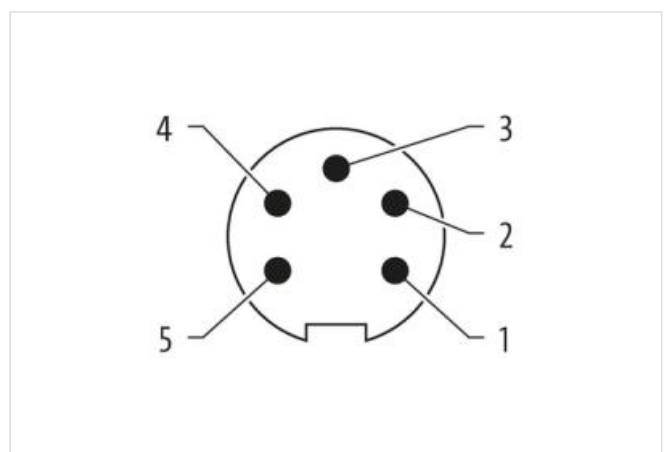
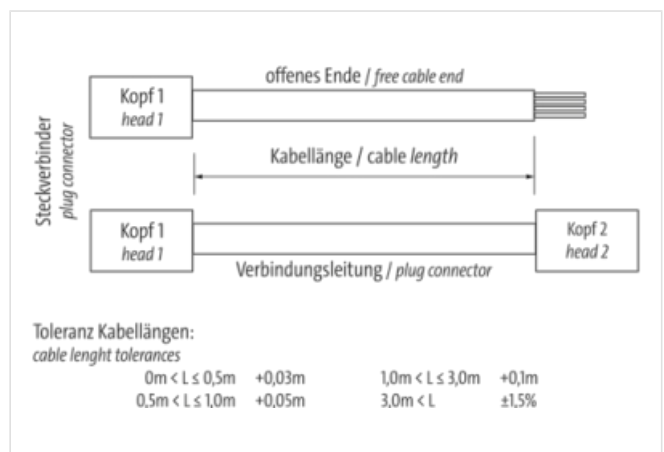
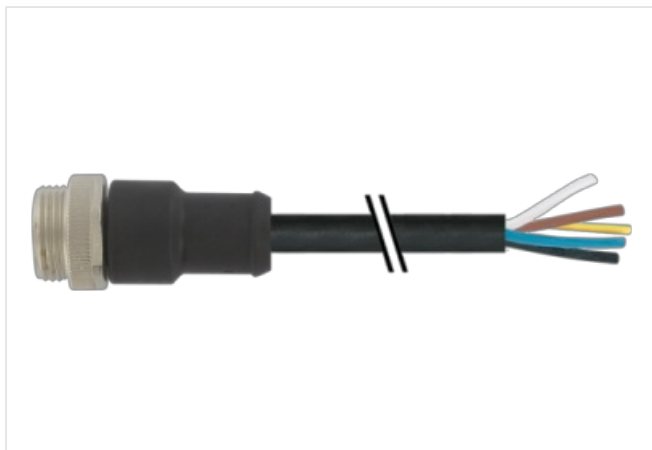
USA

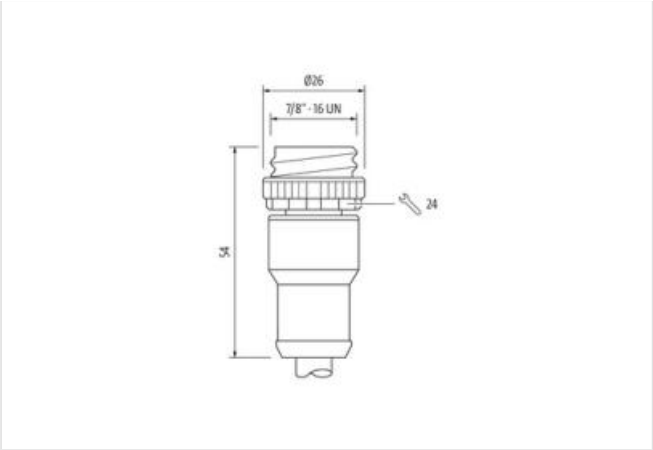
without cable sleeves

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**



Product may differ from Image



Cable length	70 m
Side 1	
Tightening torque	1,5 Nm
Mounting method	inserted, screwed
Family construction form	7/8"
Thread	7/8"
suitable for corrugated tube (internal Ø)	17,8 mm
No. of poles	5
Width across flats	SW24
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060327
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060327
ETIM-5.0	EC001855
customs tariff number	85444290
customs tariff number	85444290
GTIN	4048879910576
GTIN	4048879910576
Packaging unit	1
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	600 V
Operating voltage DC max.	600 V
Current operating per contact max.	9 A
Diagnostics	
Status indication LED	no
Device protection Electrical	

Degree of protection (EN IEC 60529)	IP68
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2,5 kV

Mechanical data | Material data

Material housing	PUR
Coating locking	Nickeled
Locking material	Zinc die-casting

Mechanical data | Mounting data

Mounting method	inserted, screwed, Shaking protection
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Environmental characteristics | Climatic

Operating temperature min.	-25 °C
Operating temperature max.	80 °C
Additional condition temperature range	depending on cable quality

Important installation notes

Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.

Installation | Cable

wire arrangement	brown, white, blue, black, green-yellow
Cable identification	UMD
wire arrangement	brown, white, blue, black, green-yellow
Material jacket	PUR
Outer-diameter (jacket)	8,7 mm
Tolerance outer diameter (sheath)	± 5 %
Amount wires	5
Outer diameter insulation	2,3 mm
Outer diameter tolerance core insulation	± 5 %
Conductor crosssection (wire)	1,5 mm ²
Min. operating temperature (static)	-50 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
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)	7,5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	5 Mio.

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