Mini (7/8) 4 pole, Male (Ext.) 90°/Female 90°

PUR 4x1.5 (4x16AWG) bk UL/CSA 15m

Art.No.: 7700-A4A31-UMC1500
Weight: 1.566 kg
Country of origin: US
Model designation: MSCCL0-CD-TUMC_15.0

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

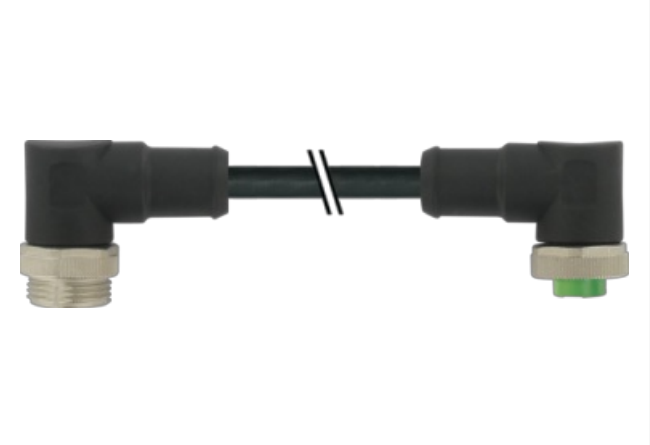
If you are missing technical information? Please feel free to use our dictionary to find more technical details.

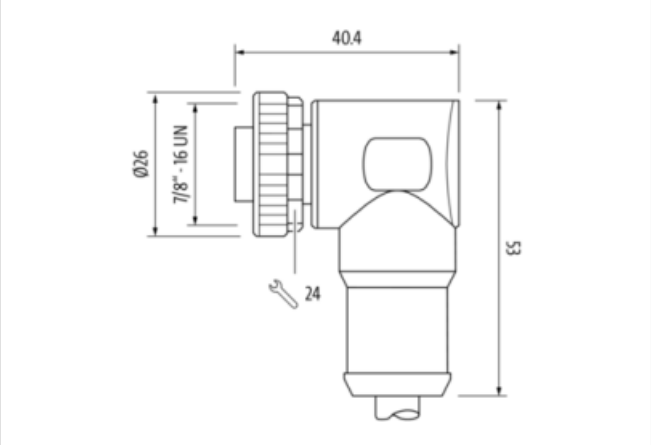
Product details:

Male 90° – female 90°
7/8" – 7/8", 4-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





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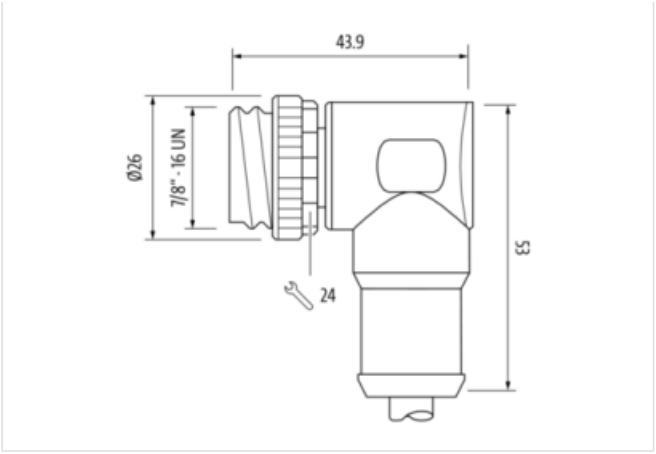

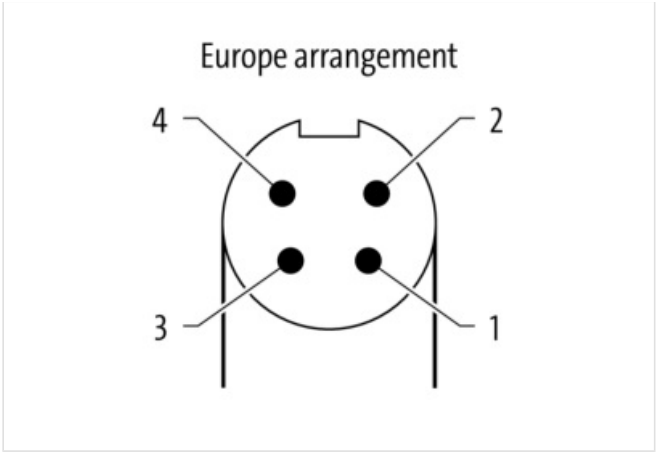

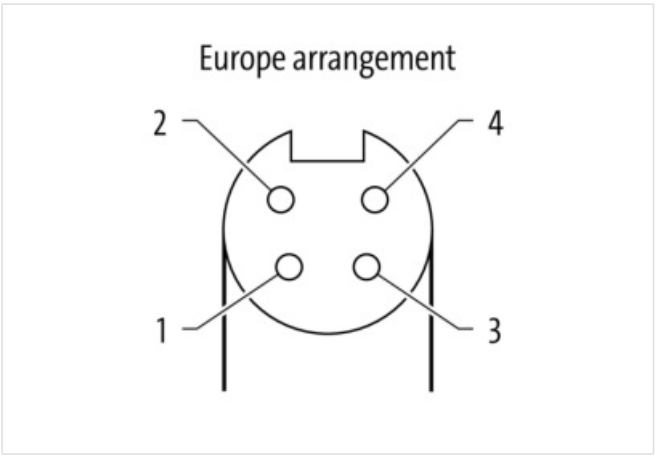

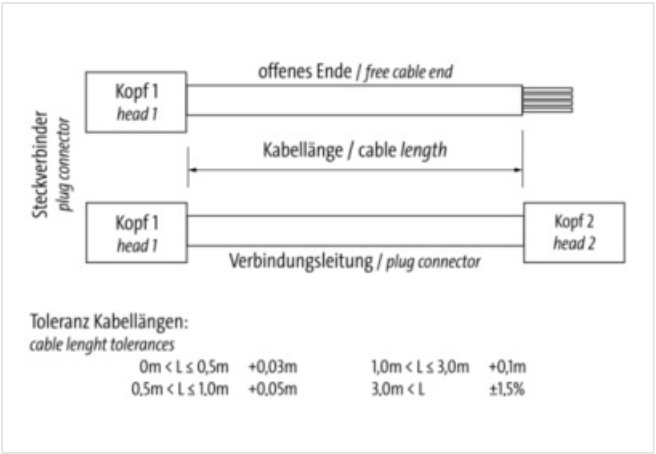

Product may differ from Image

Cable length	15,00 m
Side 1-1	
Family construction form	7/8"

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Threaded hole	7/8"
Tightening torque	1,5 Nm
Width across flats	SW24
Side 2-2	
Threaded hole	7/8"
Tightening torque	1,5 Nm
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7700-A4A31-UMC1500
GTIN	4065909051962
EU-Customs tariff number	85444290
US-Customs tariff number	8544429090
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-7.1	27279218
ECLASS-8.0	27279218
ECLASS-8.1	27279218
ECLASS-9.0	27060327
ECLASS-9.1	27060311
ECLASS-10.0.1	27060311
ECLASS-10.1	27060311
ECLASS-11.0	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060327
ECLASS-13.0	27060311
ECLASS-14.0	27060311
ETIM-5.0	EC001855
ETIM-6.0	EC001855
ETIM-7.0	EC001855
ETIM-8.0	EC001855
ETIM-9.0	EC001855
ETIM-10.0	EC001855
customs tariff number	85444290
EAN	4065909051962
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
Device protection | Electrical	
Degree of protection (EN IEC 60529)	IP68
Additional condition protection degree	inserted, screwed
Mechanical data | Material data	
housing	PUR
Locking material	Zinc die-casting
Coating locking	Nickeled
Mechanical data | Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics | Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	80 °C

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Additional condition temperature range	depending on cable quality
Important installation notes	
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.
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Installation | Cable-1	
Cable identification	UMC
Cable weigth	104 g/m
Wire arrangement	BN, WH, BU, BK
Amount wires	4
Outer diameter insulation	2.3 mm
Conductor crosssection (wire)	1,5 mm²
Material jacket	PUR
Outer-diameter (jacket)	8 mm ± 5 %
Jacket Color	black / RAL 9005
Operating temperature (static)	-50 °C … 80 °C
Operating temperature (dynamic)	-20 °C … 80 °C
Bending radius (fixed)	7.5 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter
No. of bending cycles (C-track)	5 Mio.

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