

7/8" male 0° / 7/8" female 0°

PUR 5x1.5 gy UL/CSA+drag ch. 5m

Art.No.: 7000-50021-9610500

Weight: 0.603

Country of origin: CZ

Model designation: MSCBL0-CA-U961_5.0

Male straight – female straight

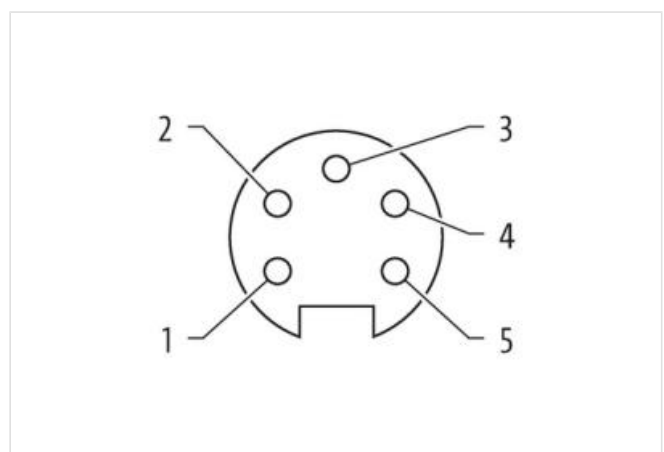
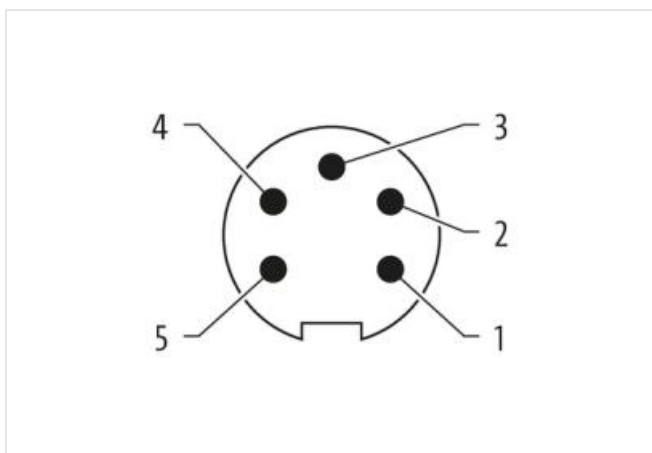
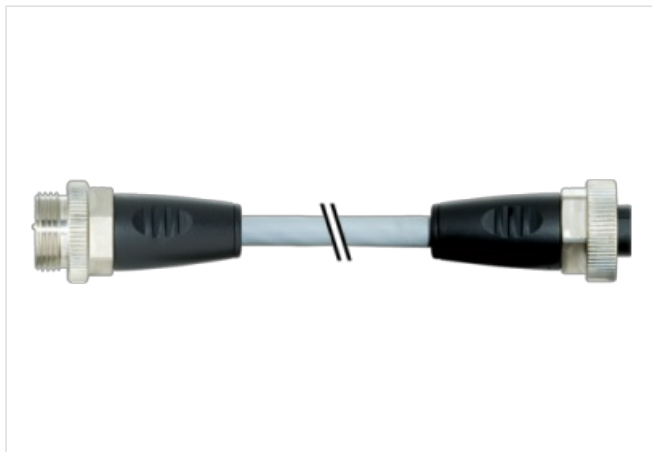
7/8" – 7/8", 5-pole

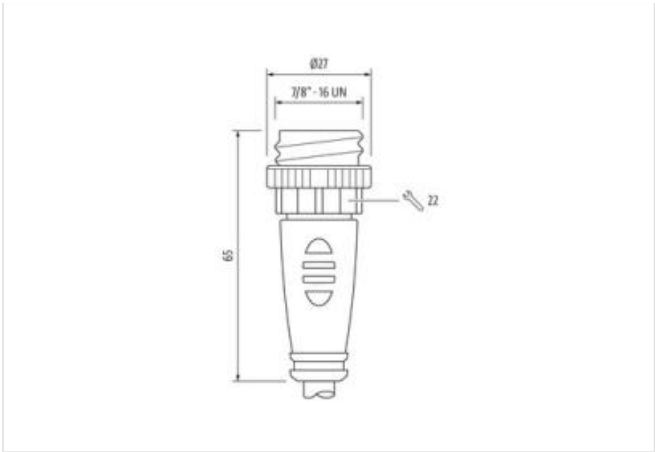
Power cable

Further cable lengths on request.

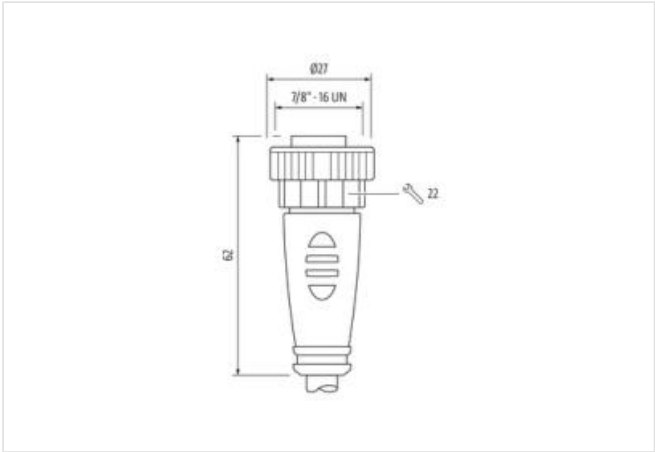
Plastic housings with good resistance against chemicals and oils.

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

[Link to Product](#)**Illustration**



1	BK 1	↪ 1
2	BU 2	↪ 2
3	GN YE	↪ 3
4	BN 3	↪ 4
5	WH 4	↪ 5



Product may differ from Image



Cable length	5 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)	15,8 mm
Gender	male
Cable outlet	straight
No. of poles	5
Width across flats	SW22
Degree of protection (EN IEC 60529)	IP67
Side 2	
Tightening torque	1,5 Nm
Mounting method	inserted, screwed
Family construction form	7/8"
Thread	7/8"
Gender	female

suitable for corrugated tube (internal Ø)	15,8 mm
Cable outlet	straight
No. of poles	5
Width across flats	SW22
Degree of protection (EN IEC 60529)	IP67

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	4048879138659
GTIN	4048879138659
Packaging unit	1
Packaging unit	1

Electrical data | Supply

Current operating per contact max.	10 A
Current phase - neutral	230 V
Current phase - phase	400 V

Device protection | Electrical

Degree of protection (EN IEC 60529)	IP67
Additional condition protection degree	inserted, screwed
Rated surge voltage	3 kV
Material group (IEC 60664-1)	I

Mechanical data | Material data

Coating locking	nickel plated
Locking material	Zinc die-casting
Material screw connection	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.	85 °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	green-yellow, blue 2, black 1, white 4, brown 3
Cable identification	961
Cable Type	3
Function cable	Power
Printing color of wire insulation	black (white isolation), white (isolation blue), white (isolation brown), white (isolation black)
Jacket Color	gray

Type of Certificate	cURus
Amount stranding	1
Stranding	5 wires around Filler twisted
Filler	yes
wire arrangement	green-yellow, blue 2, black 1, white 4, brown 3
Cable weight	129,8 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	8 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	5
Outer diameter insulation	2,3 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	60 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Printing color of wire insulation	black (white isolation), white (isolation blue), white (isolation brown), white (isolation black)
Amount strands (wire)	84
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	1,5 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	1000 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	13,5 A
Electrical resistance line constant wire	13,3 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	10 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	10 kV @ 60 s
Min. operating temperature (static)	-50 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 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)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	5 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min