

**7/8" female 0° with cable**

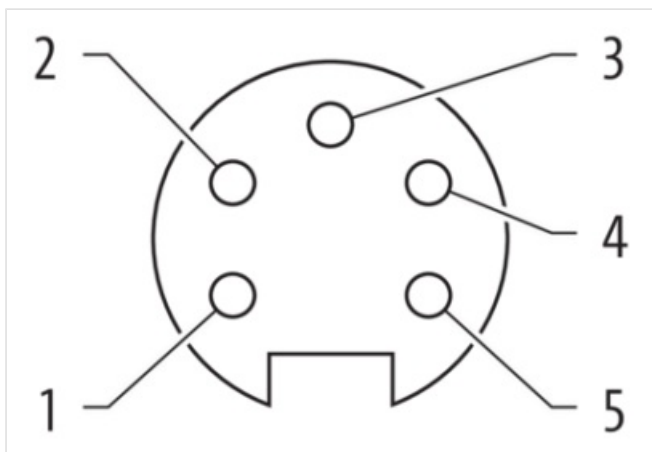
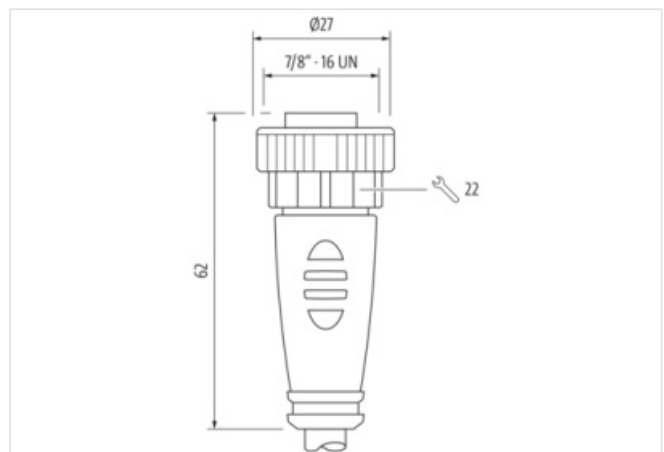
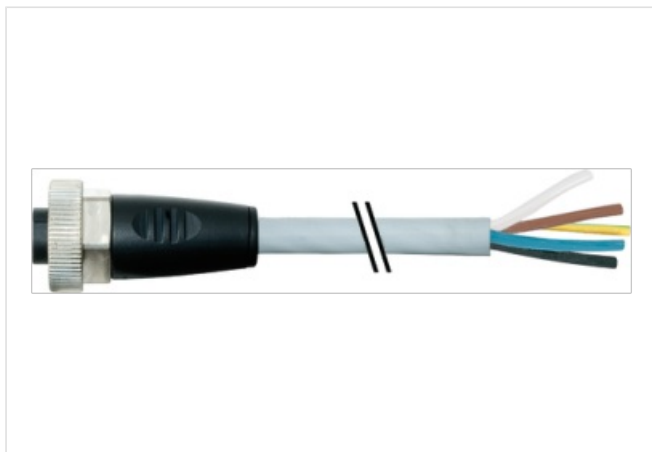
PUR 5x2.5 gy UL/CSA+drag ch. 20m

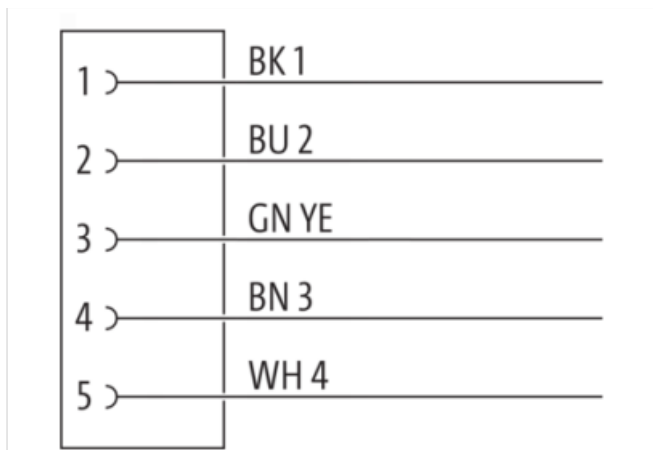
Art.No.: 7000-78021-9622000

Weight: 3.995

Country of origin: CZ

Model designation: MSCBL0-U962\_20.0

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



Product may differ from Image

**Side 1**

Family construction form	7/8"
Thread	7/8"
Tightening torque	1.5 Nm

**Commercial data**

URL Webshop	<a href="https://shop.murrelektronik.com/7000-78021-9622000">https://shop.murrelektronik.com/7000-78021-9622000</a>
GTIN	4048879135139
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
EAN	4048879135139

**Electrical data | Supply**

Current operating per contact max.	12 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
<b>Mechanical data   Material data</b>	
Locking material	Zinc die-casting
Coating locking	Nickeled
<b>Mechanical data   Mounting data</b>	
Mounting method	inserted, screwed, Shaking protection
<b>Environmental characteristics   Climatic</b>	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
<b>Important installation notes</b>	
Note on bending radius	<b>Attention:</b> 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.
<b>Installation   Cable</b>	
Cable Type	3
Function cable	Power
Amount stranding	1
Stranding	Wires
Filler	yes
Wire arrangement	green-yellow, blue 2, black 1, white 4, brown 3
Cable weight	190.3 g/m
Material wire insulation	PP
Amount wires	5
Outer diameter insulation	2.85 mm
Outer diameter tolerance core insulation	± 0.1 mm
Shore hardness wire insulation	60
Ingredient freeness wire insulation	CFC-free, cadmium-free, silicone-free, halogen-free, lead-free
Printing color of wire insulation	white (isolation blue), white (isolation brown), white (isolation black), black (white isolation)
Amount strands (wire)	140
Diameter of single wires	0.15 mm
Conductor crosssection (wire)	2.5 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Outer-diameter (jacket)	9.5 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PUR
Shore hardness jacket	90
Freedom from ingredients (jacket)	CFC-free, cadmium-free, silicone-free, halogen-free, lead-free
Material property (jacket)	matte, good machinability, abrasion-resistant, low adhesion
Electrical resistance line constant wire	7.98 Ω/km @ 20 °C
Nominal voltage AC max.	1,000 V
AC withstand voltage (wire - wire)	10 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	10 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	19.5 A
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
Bending radius (fixed)	5 × Outer diameter

Bending radius (dynamic)	10 × 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
Acceleration (C-track)	5 m/s² @ 25 °C
No. of torsion cycles	5 Mio.
Torsion stress	180 °/m
Torsion speed	35 cycles/min