

**Mini (7/8) 3 pole, Female 90° w/ Cable**

PVC 3x16AWG ye UL/CSA, STOOW

Art.No.: 7700-A3031-UBB1000

Weight: 1.425 kg

Model designation: MSCDL0-QUBD\_10.0

Female 90°

7/8" (3-pole)

Power cable

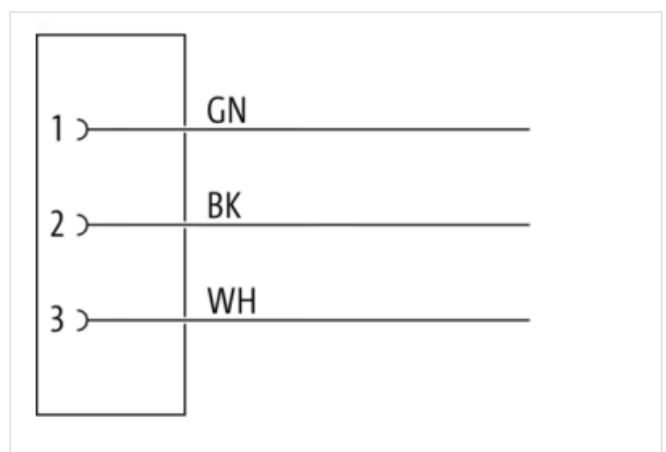
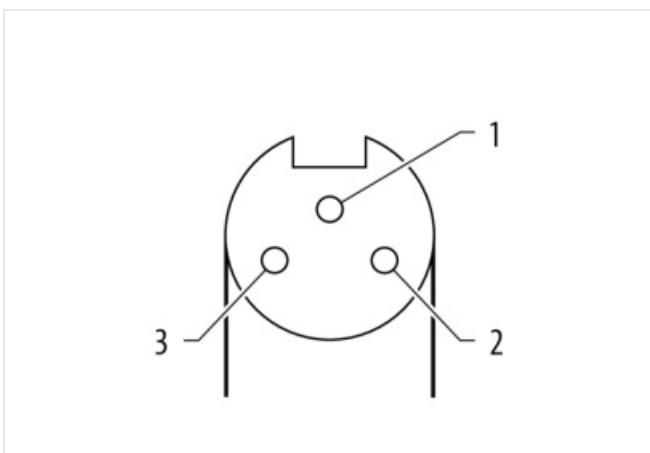
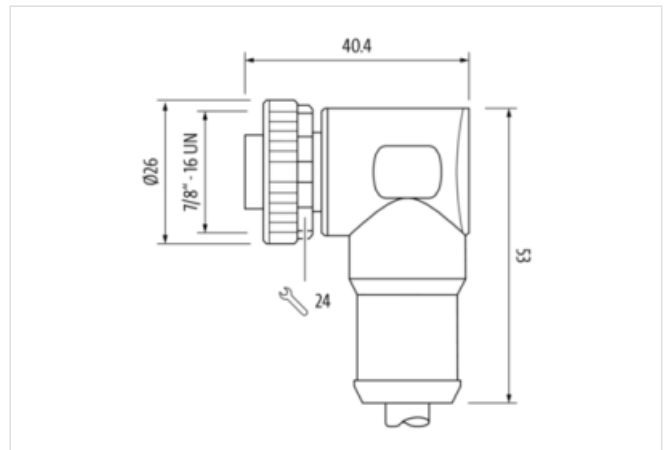
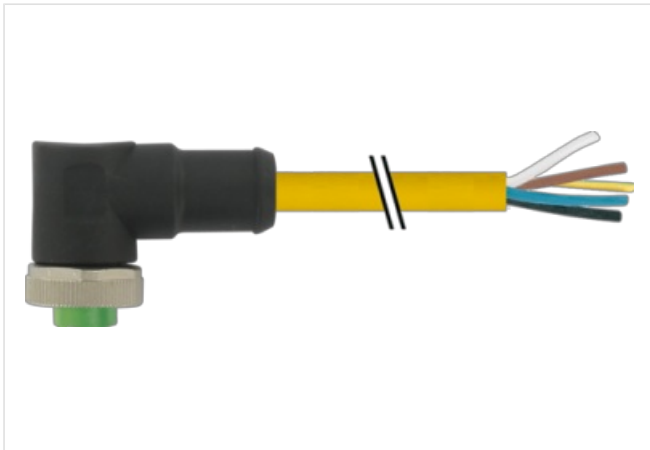
USA

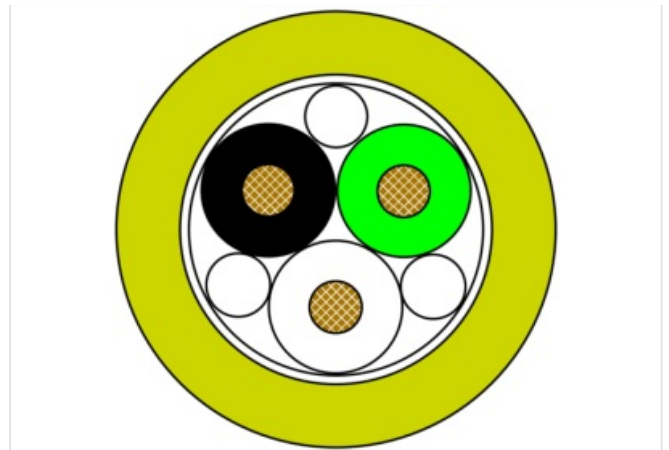
without cable sleeves

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	10,00 m
<b>Side 1</b>	
Family construction form	7/8"
No. of poles	3
Gender	female
Mounting method	inserted, screwed
Threaded hole	7/8"
Tightening torque	1,5 Nm
Width across flats	SW24
Cable outlet	angled
suitable for corrugated tube (internal Ø)	17,8 mm
<b>Commercial data</b>	
URL Webshop	<a href="https://shop.murrelektronik.com/7700-A3031-UBB1000">https://shop.murrelektronik.com/7700-A3031-UBB1000</a>
GTIN	4048879645249
Customs tariff number	85444290
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
ETIM-6.0	EC001855
ETIM-7.0	EC001855
ETIM-8.0	EC001855
customs tariff number	85444290
EAN	4048879645249
Packaging unit	1
<b>Electrical data   Supply</b>	
Operating voltage AC max.	600 V

Operating voltage DC max.	600 V
Current operating per contact max.	12 A
<b>Diagnostics</b>	
Status indication LED	No
<b>Device protection   Electrical</b>	
Degree of protection (EN IEC 60529)	IP68
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2,5 kV
<b>Mechanical data   Material data</b>	
housing	PUR
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.	80 °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 identification	UBB
Cable weight	125 g/m
UL AWM Style	STOOW / 1015
Stranding	1 Wires
Banding	silk paper
Filler	Yes
Wire arrangement	BK, GN, WH
Material wire insulation	PVC
Amount wires	3
Outer diameter insulation	3.05 mm ± 0.05 mm
Conductor crosssection (wire)	16 AWG
Material conductor wire	Stranded copper wire, bare
Core construction (wire)	26
Ingredient freeness wire insulation	lead-free, CFC-free
Material jacket	PVC
Outer-diameter (jacket)	10.03 mm ± 5 %
Jacket Color	yellow / RAL 1021
Freedom from ingredients (jacket)	lead-free, CFC-free
Conductor resistance (wire)	13.1 Ω/km @ 20 °C
Nominal voltage max.	600 V
Withstand voltage (wire - wire)	6 kV @ 60 s
Withstand voltage (wire - jacket)	6 kV @ 60 s
Current load capacity max. (wire)	10 A
Current load capacity (standard)	according to NFPA-70 (NEC) : 400.5(A) (1-3)
Operating temperature (static)	-50 °C ... 105 °C
Operating temperature (dynamic)	-20 °C ... 90 °C
Bending radius (fixed)	10 × Outer diameter
Bending radius (dynamic)	15 × Outer diameter

