

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

PVC 5x16AWG ye UL/CSA, STOOW

Art.No.: 7700-A5001-UBD2000

Weight: 2.129

Model designation: MSCAL0-UUBD_20.0

Male straight

7/8" (5-pole)

Power cable

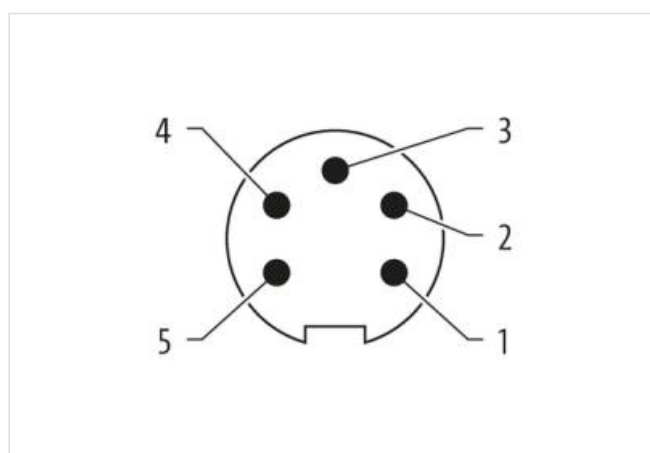
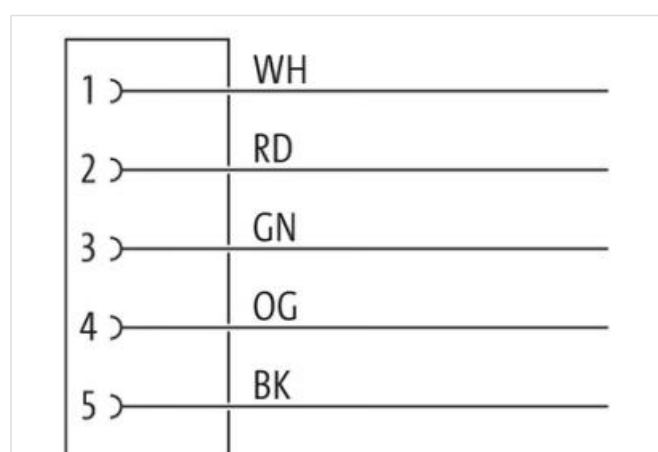
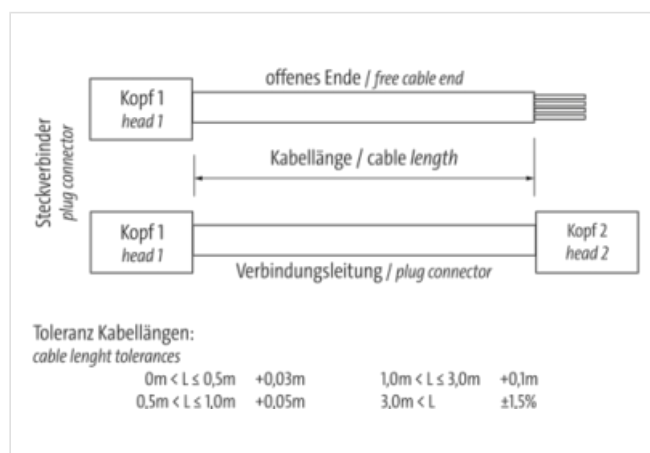
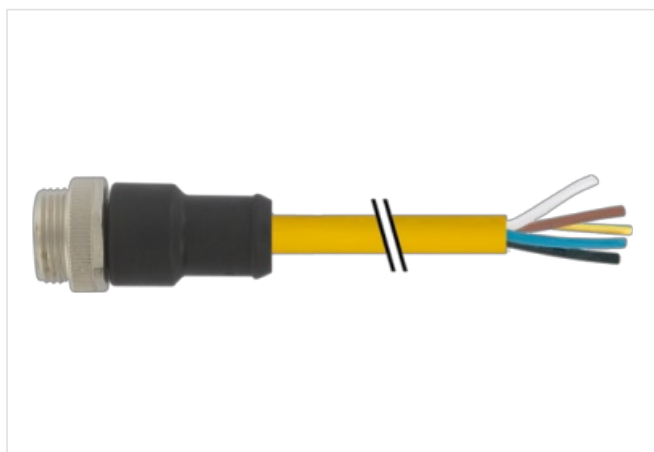
USA

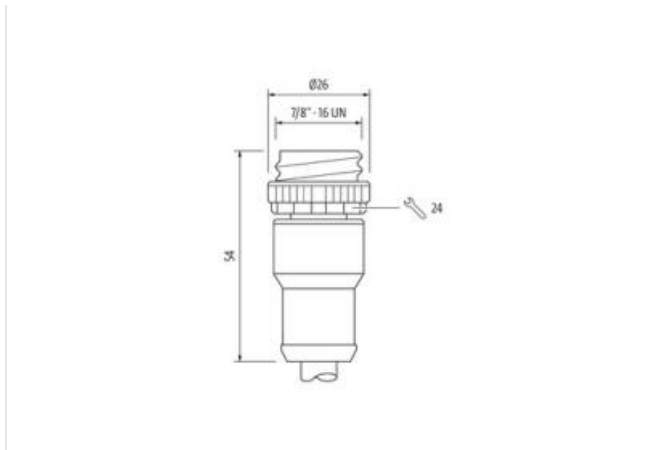
without cable sleeves

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	20 m
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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
EAN	4048879631044
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
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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
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	orange, green, red, white, black
Cable identification	UBD
Jacket Color	yellow
Type of Certificate	cURus
STOOW style jacket	STOOW
Amount stranding	1
Stranding	5 wires around Core filler twisted
Banding	silk paper
Filler	yes
wire arrangement	orange, green, red, white, black
Cable weight	189,2 g/m
Material jacket	PVC
Freedom from ingredients (jacket)	lead-free, CFC-free
Outer-diameter (jacket)	12,7 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	5
Outer diameter insulation	3,05 mm
Outer diameter tolerance core insulation	± 5 %
Ingredient freeness wire insulation	lead-free, CFC-free
Amount strands (wire)	26
Diameter of single wires	30 AWG
Conductor crosssection (wire)	16 AWG
Material conductor wire	Stranded copper wire, bare
Nominal voltage AC max.	600 V
Current load capacity (standard)	according to NFPA-70 (NEC) : 400.5(A) (1-3)
Current load capacity min. wire	8 A
Electrical resistance line constant wire	13,1 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	6 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	6 kV @ 60 s
Min. operating temperature (static)	-50 °C
Max. operating temperature (fixed)	105 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	90 °C
Flame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2

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)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter