

Mini (7/8) 5 pole, Female 0° w/ Cable

TPE 5x16AWG ye UL/CSA, TC-ER

Art.No.: 7700-A5021-U1D1000

Weight: 1.487

Country of origin: US

Model designation: MSCBL0-UU1D_10.0

Female straight

7/8" (5-pole)

Power cable

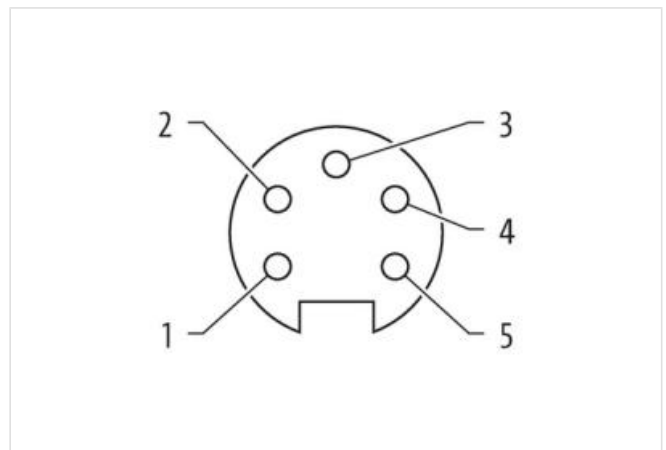
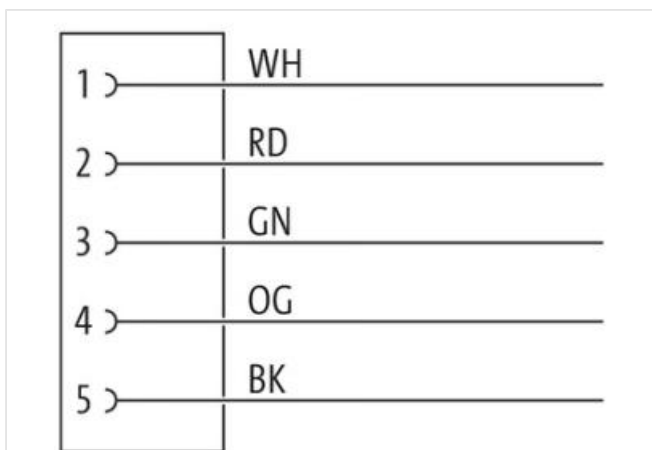
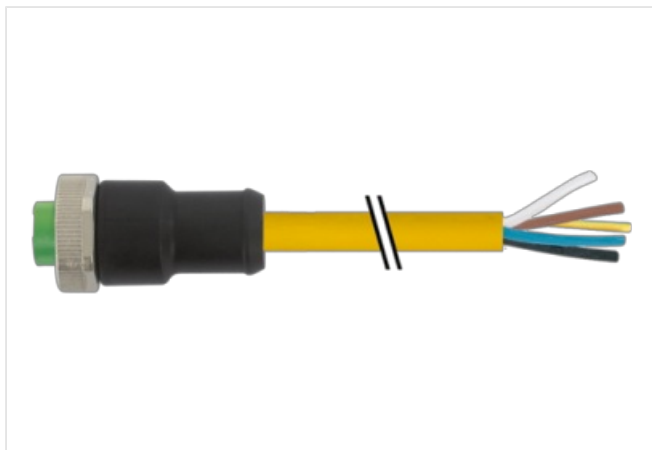
USA

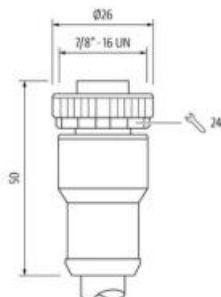
without cable sleeves

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 10 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) 17,8 mm

No. of poles 5

Width across flats SW24

Commercial data

ECLASS-6.0 27279218

ECLASS-7.0 27279218

ECLASS-8.0 27279218

ECLASS-9.0 27060311

ECLASS-10.1 27060311

ECLASS-11.1 27060311

ECLASS-12.0 27060327

ETIM-5.0 EC001855

customs tariff number 85444290

EAN 4048879644488

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

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	U1D
Jacket Color	yellow
Type of Certificate	cURus
Amount stranding	1
Stranding	5 wires around Core filler twisted
Banding	Fleece
Filler	yes
wire arrangement	orange, green, red, white, black
Cable weight	144,1 g/m
Material jacket	TPE
Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Outer-diameter (jacket)	9,78 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	5
Outer diameter insulation	2,62 mm
Outer diameter tolerance core insulation	± 5 %
Ingredient freeness wire insulation	lead-free, CFC-free
Amount strands (wire)	65
Diameter of single wires	34 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	13,2 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	UL 1581 § 1090 IEC 60332-2-2 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)	8 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Torsion stress	± 90 °/m