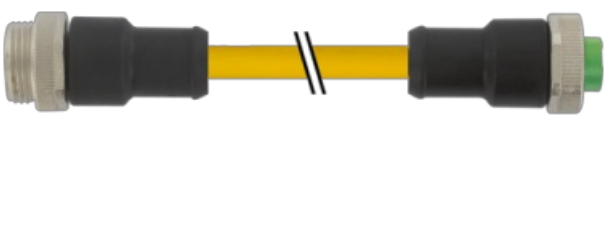
Mini (7/8) 3 pole, Male (Ext.) Straight/Female Straight,

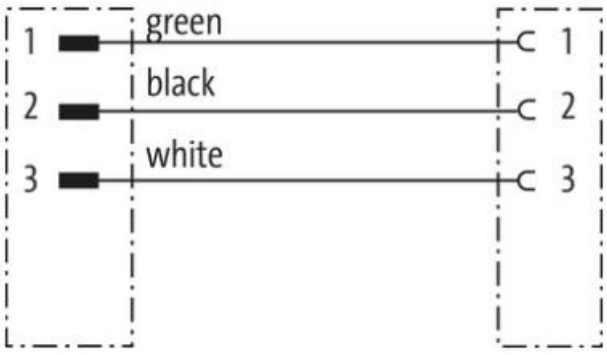
TPE, TC-ER+FT4, 3x16AWG, yellow, 5m

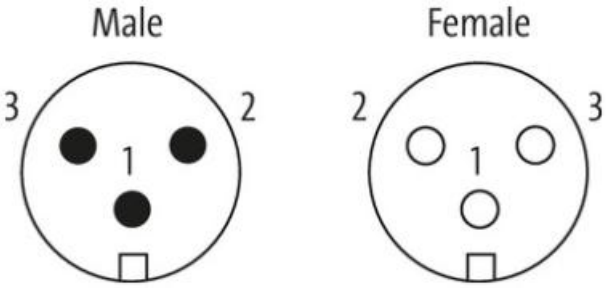
Male straight – female straight
7/8" – 7/8", 3-pole
Power cable
USA
Further cable lengths on request.
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.

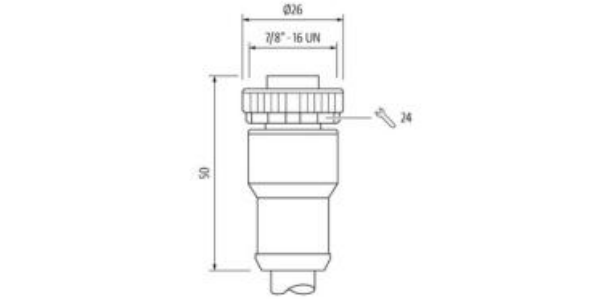
Link to Product

Illustration



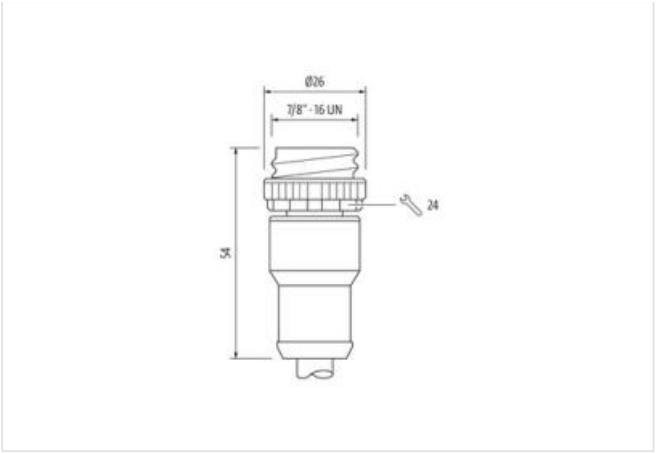






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Product may differ from Image

Cable length	5 m
Side 1	
Tightening torque	1,5 Nm
Family construction form	7/8"
Thread	7/8"
Width across flats	SW24
Side 2	
Tightening torque	1,5 Nm
Thread	7/8"
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
GTIN	4048879645089
Packaging unit	1
Electrical data | Supply	
Operating voltage AC max.	600 V
Operating voltage DC max.	600 V
Current operating per contact max.	12 A
Device protection | Electrical	
Degree of protection (EN IEC 60529)	IP68
Additional condition protection degree	inserted, screwed
Mechanical data | Material data	
Coating locking	Nickeled
Material housing	PUR

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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	black, green, white
Cable identification	U1B
Jacket Color	yellow
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires with 3 Filler twisted
Banding	Nylon film 25% overlap 100% coverage
Filler	yes
wire arrangement	black, green, white
Cable weigth	115,5 g/m
Material jacket	TPE
Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Outer-diameter (jacket)	8,38 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	3
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	10 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 § 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)	8 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	2 Mio.

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