

Mini (7/8) 5 pole, Male (Ext.) 90°/Female 90°

TPE 5x16AWG ye UL/CSA, TC-ER

Male 90° – female 90°

7/8" – 7/8", 5-pole

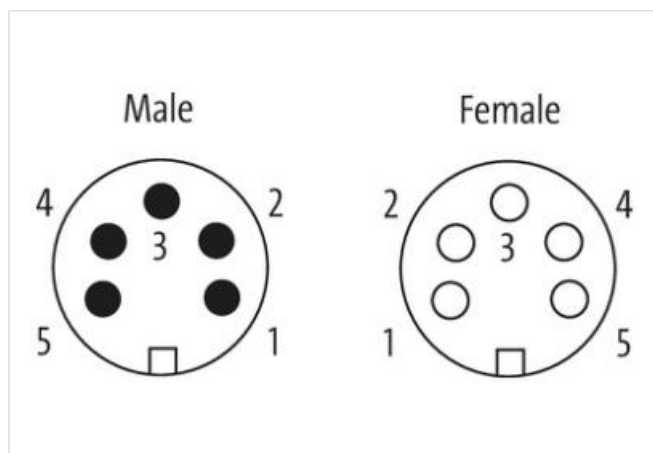
Power cable

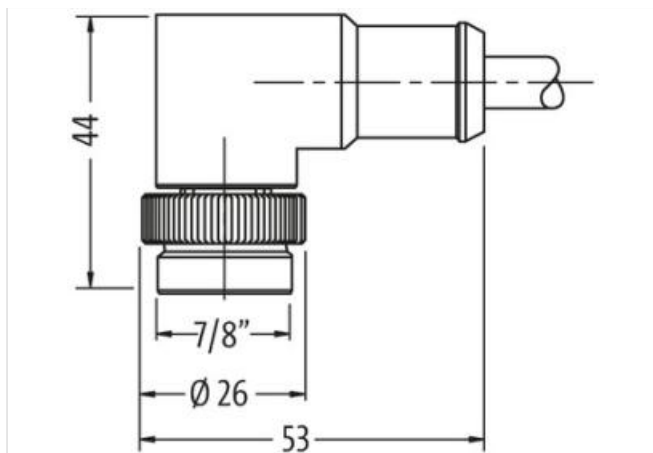
USA

Further cable lengths on request.

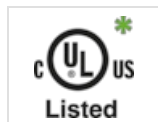
Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.

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



Product may differ from Image



* only for products with UL/CSA approved cable

Form

Form A5A31

Technical Data

Operating voltage	max. 600 V AC/DC
Operating current per contact	max. 9 A
Locking of ports	Screw thread 7/8" (recommended torque 1.5 Nm) self-securing
Protection	IP68 inserted and tightened (EN 60529)
Material	PUR
Locking material	Zinc die casting, matte nickel plated
Compression gland	7/8" (SW24)

General data

Temperature range -25...+80 °C, depending on cable quality

Cables

No./diameter of wires	5× 1.5 mm ²
Wire isolation	PVC (bk, or, gn, rd, wh)
Outer Ø	9.8 mm ±5%
Cable identification	U1D
Cable number	U1D
Approval (cable)	UL (AWM-Style 21002/1841), CSA
Cable weight [g/m]	144,1 g
Material (wire)	Cu wire, bare
Resistor (core)	max. 13.2 Ω/km (20 °C)
Single wire Ø (core)	0.16 mm
Construction (core)	65× 0.16 mm (multi-strand wire class 6)
AWG	similar to AWG 16
Material (wire isolation)	PVC
Wire-Ø incl. isolation	2.6 mm ±5%
Color/numbering of wires	bk, or, gn, rd, wh
Stranding combination	5 wires twisted around central filler
Shield	no
Material (jacket)	TPE
Outer-Ø (jacket)	9.8 mm ±5%

Color (jacket)	yellow
Jacket Color	yellow
chemical resistance	good resistance to oil, gasoline and chemicals
thermal resistance	flame retardant UL, FT4
Nominal voltage	600 V
Test voltage	6 kV spark test
Current load capacity	NEC (National Electric Code)
Temperature range (fixed)	-50...+105 °C
Temperature range (fixed)	-50...+105 °C
Temperature range (mobile)	-20...+90 °C
Temperature range (mobile)	-20...+90 °C
Bend radius (fixed)	8× outer Ø
Bend radius (moving)	10× outer Ø
Bend radius (moving)	10× outer Ø
Torsion stress	±90°/m
No. of torsion cycles	2 Mio.
Material (jacket)	TPE (UL/CSA)
Product article number of manufacturer	7700-A5A31-U1D0500
Cable length	5 m