

M12 male 90° A-cod. with cable

TPE 5x18AWG ye UL/CSA. ITC/PLTC 1m

Male 90°

Cable is approved for 600 V

M12, 5-pole

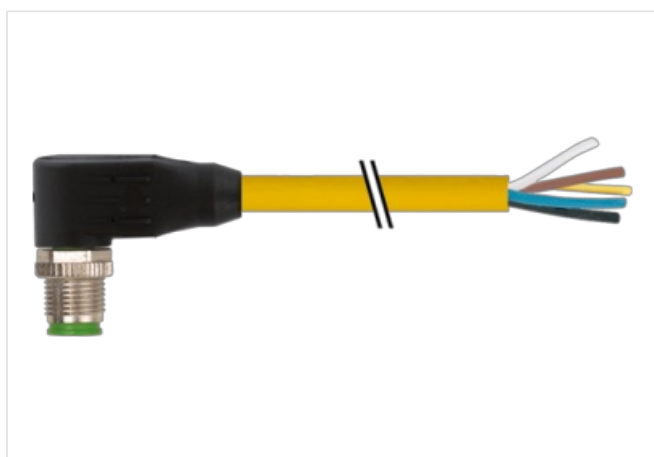
USA

Cable is approved for 600 V

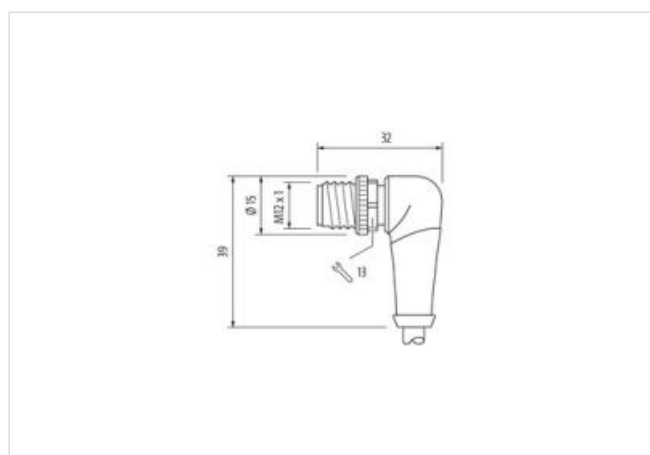
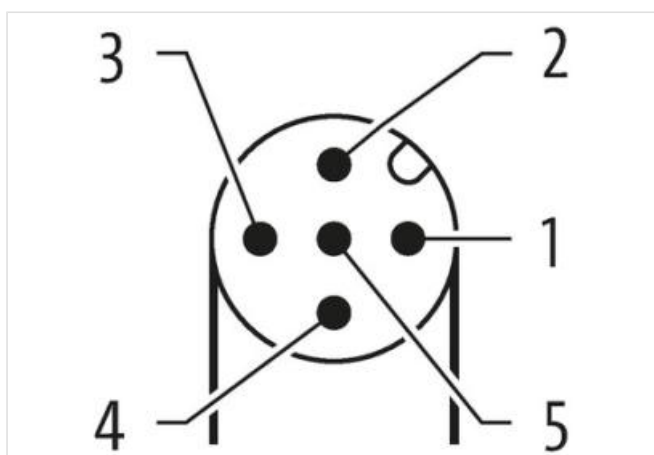
Plastic housings with good resistance against chemicals and oils.

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

Further cable lengths on request.

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

1	BN
2	WH
3	BU
4	BK
5	GY





Product may differ from Image



Cable length	1 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Cable outlet	angled
Coding	A
No. of poles	5
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Family construction form	free cable end
取引条件	
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	27060311
ETIM-5.0	EC001855
GTIN	4048879589284
HSコード	85444290
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	125 V
Operating voltage DC max.	125 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V

Current operating per contact max. 4 A

Installation | Connection

Stripping length (jacket) 20 mm

Device protection | Electrical

Additional condition protection degree inserted, screwed

Pollution Degree 3

Rated surge voltage 1,5 kV

Material group (IEC 60664-1) I

Mechanical data | Material data

Coating locking Nickeled

Material housing PUR

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. 85 °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.

Conformity

Product standard DIN EN 61076-2-101 (M12)

Installation | Cable

Cable identification 162

Jacket Color yellow

Type of Certificate cURus

Amount stranding 1

Stranding 5 wires around Core filler twisted

Filler yes

wire arrangement brown, black, blue, white, gray

Cable weight 103,4 g/m

Material jacket TPE

Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free

Outer-diameter (jacket) 7,75 mm

Tolerance outer diameter (sheath) ± 5 %

Material wire insulation PVC

Amount wires 5

Outer diameter insulation 1,93 mm

Outer diameter tolerance core insulation ± 5 %

Ingredient freeness wire insulation lead-free, CFC-free

Amount strands (wire) 19

Diameter of single wires 18 AWG

Conductor crosssection (wire) 18 AWG

Material conductor wire Stranded copper wire, bare

Nominal voltage AC max. 600 V

Current load capacity (standard) to DIN VDE 0298-4

Current load capacity min. wire 9 A

Electrical resistance line constant wire 22,5 Ω/km

AC withstand voltage (wire - wire) 4 kV @ 60 s

Power frequency withstand voltage (wire - jacket)	4 kV @ 60 s
Min. operating temperature (static)	-40 °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	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter
Travel speed (C-track)	10 Mio.
No. of torsion cycles	3 Mio.
Torsion stress	± 180 °/m