

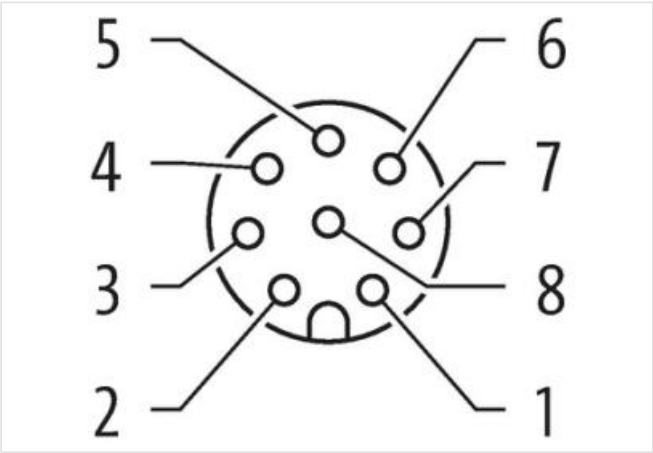
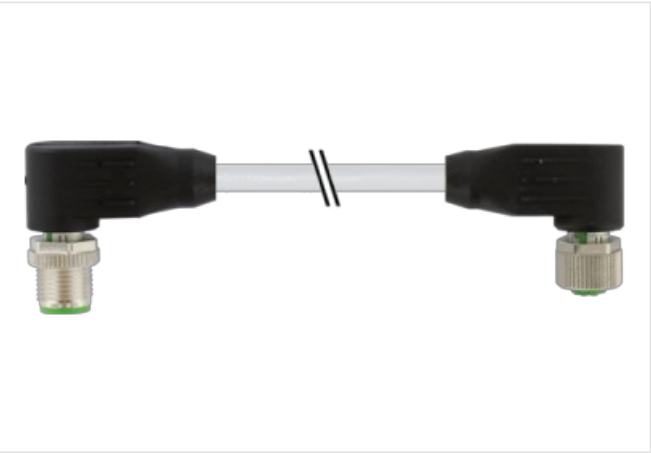
M12 male 90° / M12 female 90° A-cod.

TPE 8x22AWG gy UL/CSA. ITC/PLTC 5m

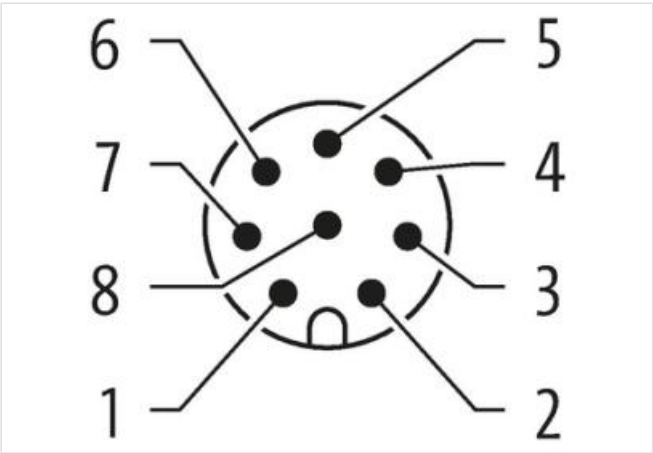
USA
Male 90° – female 90°
M12 – M12, 8-pole
without cable sleeves
Cable is approved for 300 V
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.
Further cable lengths on request.

[Link til artikel](#)

Billede



1	WH	1
2	BN	2
3	GN	3
4	YE	4
5	GY	5
6	PK	6
7	BU	7
8	RD	8





Produktet kan afvige fra billedet

Cable length	5 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	A
Width across flats	SW13
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	A
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	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
customs tariff number	85444290
GTIN	4048879762700
Pakke-enhed	1
Electrical data Supply	
Operating voltage AC max.	30 V
Operating voltage DC max.	30 V
Current operating per contact max.	2 A
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV

Material group (IEC 60664-1)

I

Mechanical data

Contour for corrugated hose without

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 U2H

Jacket Color gray

Type of Certificate cURus

Amount stranding 1

Stranding 8 wires twisted

Filler yes

wire arrangement brown, white, blue, pink, gray, yellow, green, red

Cable weight 70,4 g/m

Material jacket TPE

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

Outer-diameter (jacket) 6,76 mm

Tolerance outer diameter (sheath) ± 5 %

Material wire insulation PVC

Amount wires 8

Outer diameter insulation 1,27 mm

Outer diameter tolerance core insulation ± 5 %

Ingredient freeness wire insulation lead-free, CFC-free

Amount strands (wire) 19

Diameter of single wires 22 AWG

Conductor crosssection (wire) 22 AWG

Material conductor wire Stranded copper wire, bare

Nominal voltage AC max. 300 V

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

Current load capacity min. wire 4 A

Electrical resistance line constant wire 46,9 Ω/km @ 20 °C

AC withstand voltage (wire - wire) 2 kV @ 60 s

Power frequency withstand voltage (wire - jacket) 2 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	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
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)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	10 Mio.
No. of torsion cycles	3 Mio.
Torsion stress	± 180 °/m