

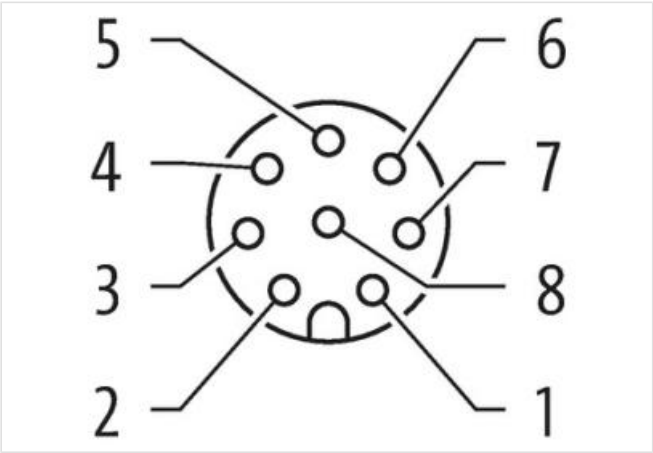
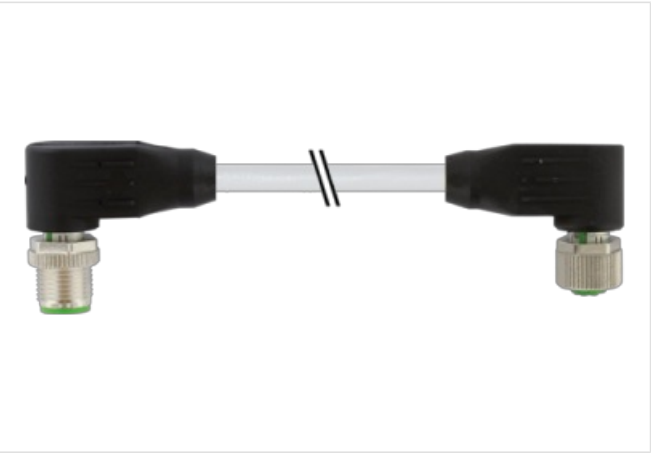
M12 male 90° / M12 female 90° A-cod.

TPE 8x22AWG gy UL/CSA. ITC/PLTC 1m

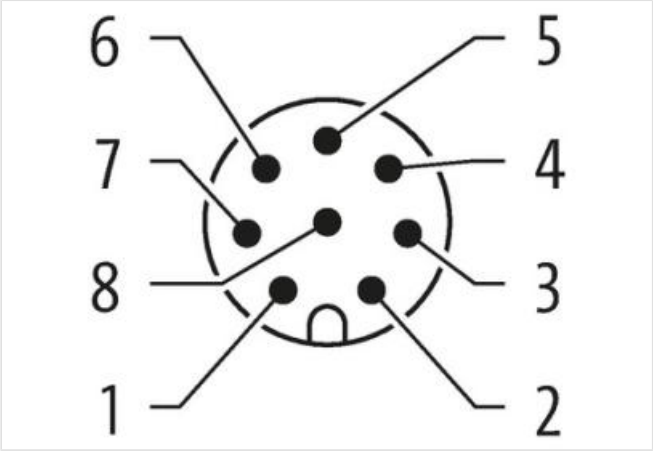
USA  
Male 90° – female 90°  
M12 – M12, 8-pole  
without cable sleeves  
Cable is approved for 300 V  
Plastic housings with good resistance against chemicals and oils.  
The resistance to aggressive media should be individually tested for your application. Further details on request.  
Further cable 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                           | 1 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-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                                   | 4048879762274     |
| 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                            | <b>Attention:</b> 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                              |                                                                                                                                                       |
| wire arrangement                                  | brown, white, blue, pink, gray, yellow, green, red                                                                                                    |
| 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                                  |
| No. of bending cycles (C-track) | 10 Mio.                                              |
| No. of torsion cycles           | 3 Mio.                                               |
| Torsion stress                  | $\pm 180^\circ/\text{m}$                             |