

**M12 female 90° A-cod. with cable shielded**

PUR 5x0.34 shielded gy UL/CSA 10m

**⚠ NOTICE ⚠****PRODUCT WILL BE DISCONTINUED BY MARCH 2023. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.**

Female 90°

M12, 5-pole

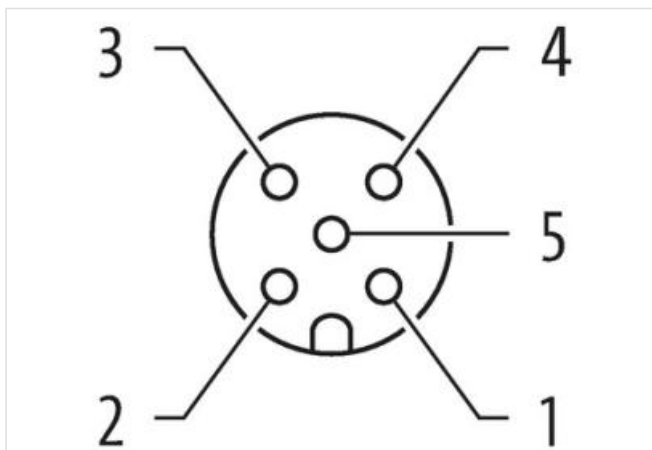
shielded

with cable sleeves

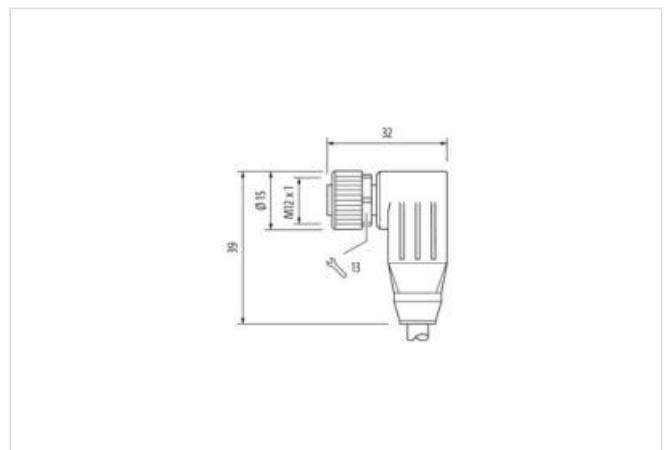
Plastic housings with good resistance against chemicals and oils.

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**

Product may differ from Image



Cable length 10 m

#### Side 1

|                                     |                   |
|-------------------------------------|-------------------|
| Tightening torque                   | 0,6 Nm            |
| Mounting method                     | inserted, screwed |
| Coating contact                     | gold plated       |
| Family construction form            | M12               |
| Thread                              | M12 x 1           |
| Coding                              | A                 |
| Material contact                    | Copper alloy      |
| Material                            | PUR               |
| No. of poles                        | 5                 |
| Width across flats                  | SW13              |
| Degree of protection (EN IEC 60529) | IP65, IP66K, IP67 |

#### Side 2

|                           |             |
|---------------------------|-------------|
| Stripping length (jacket) | 20 mm       |
| Coating contact           | gold plated |

#### 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                  | 4048879288316 |
| Packaging unit        | 1             |

#### Electrical data | Supply

|                                    |      |
|------------------------------------|------|
| Operating voltage AC max.          | 60 V |
| Operating voltage DC max.          | 60 V |
| Operating voltage AC (UL-listed)   | 30 V |
| Operating voltage DC (UL-listed)   | 30 V |
| Current operating per contact max. | 4 A  |

#### Diagnostics

|                       |    |
|-----------------------|----|
| Status indication LED | no |
|-----------------------|----|

#### Installation | Connection

|                           |         |
|---------------------------|---------|
| Stripping length (jacket) | 20 mm   |
| Mounting set              | M12 x 1 |

#### 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

|                             |         |
|-----------------------------|---------|
| Contour for corrugated hose | without |
|-----------------------------|---------|

#### Mechanical data | Material data

|                    |               |
|--------------------|---------------|
| Coating locking    | Nickel        |
| Coating of fitting | nickel plated |
| Material gasket    | FKM           |

|                  |                  |
|------------------|------------------|
| Locking material | Zinc die-casting |
|------------------|------------------|

|                           |                  |
|---------------------------|------------------|
| Material screw connection | 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 |
|--|----------------------------|

#### Conformity

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

#### Installation | Cable

|                      |     |
|----------------------|-----|
| Cable identification | 351 |
|----------------------|-----|

|              |      |
|--------------|------|
| Jacket Color | gray |
|--------------|------|

|                  |   |
|------------------|---|
| Amount stranding | 1 |
|------------------|---|

|           |                 |
|-----------|-----------------|
| Stranding | 5 wires twisted |
|-----------|-----------------|

|                        |                       |
|------------------------|-----------------------|
| Cable shielding (type) | copper braiding, bare |
|------------------------|-----------------------|

|                  |                                 |
|------------------|---------------------------------|
| wire arrangement | brown, white, blue, black, gray |
|------------------|---------------------------------|

|                 |     |
|-----------------|-----|
| Material jacket | PUR |
|-----------------|-----|

|                         |        |
|-------------------------|--------|
| Outer-diameter (jacket) | 6,9 mm |
|-------------------------|--------|

|                                   |       |
|-----------------------------------|-------|
| Tolerance outer diameter (sheath) | ± 5 % |
|-----------------------------------|-------|

|                          |    |
|--------------------------|----|
| Material wire insulation | PP |
|--------------------------|----|

|              |   |
|--------------|---|
| Amount wires | 5 |
|--------------|---|

|                               |          |
|-------------------------------|----------|
| Conductor crosssection (wire) | 0,34 mm² |
|-------------------------------|----------|

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

|                                     |        |
|-------------------------------------|--------|
| Min. operating temperature (static) | -40 °C |
|-------------------------------------|--------|

|                                    |       |
|------------------------------------|-------|
| Max. operating temperature (fixed) | 80 °C |
|------------------------------------|-------|

|                                      |        |
|--------------------------------------|--------|
| Operating temperature min. (dynamic) | -20 °C |
|--------------------------------------|--------|

|                                      |       |
|--------------------------------------|-------|
| Operating temperature max. (dynamic) | 80 °C |
|--------------------------------------|-------|

|                  |   |
|------------------|---|
| Flame resistance | UL 1581 § 1100 FT2   UL 1581 § 1090   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) | 10 x Outer diameter |
|------------------------|---------------------|

|                          |                     |
|--------------------------|---------------------|
| Bending radius (dynamic) | 15 x Outer diameter |
|--------------------------|---------------------|