

# M12 female 0° A-cod. with cable shielded

PUR 3x0.34 shielded gy 5m

## ⚠ NOTICE ⚠

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

Female straight

M12, 3-pole

shielded

with cable sleeves

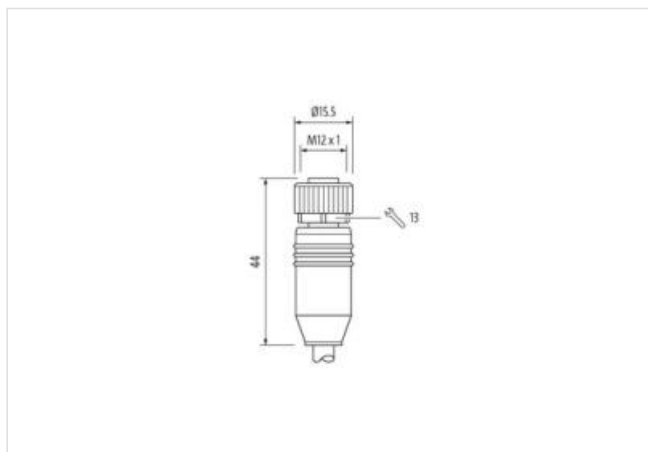
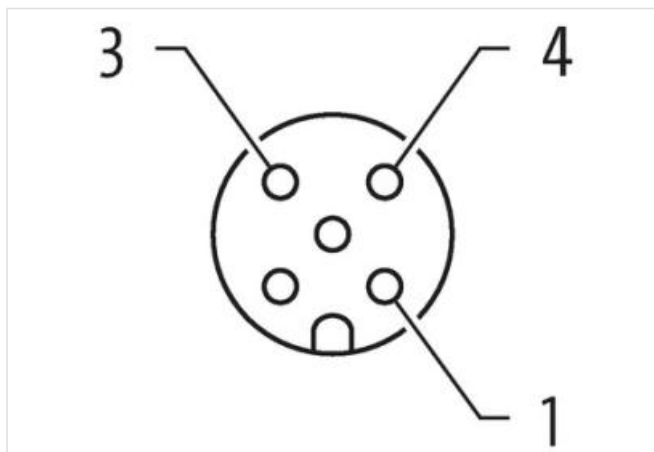
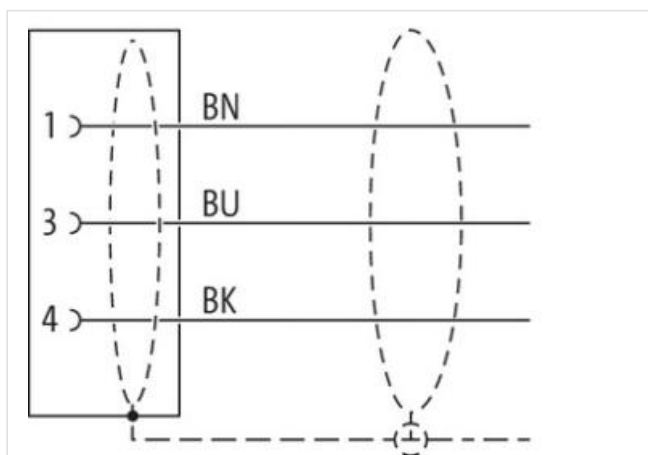
Plastic housings with good resistance against chemicals and oils.

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

Further cable lengths on request.

[Link til artikel](#)

### Billede



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                 |
| Material                            | PUR               |
| Width across flats                  | SW13              |
| Degree of protection (EN IEC 60529) | IP65, IP66K, IP67 |

| 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                  | 4048879200325 |
| Pakke-enhed           | 1             |

| Electrical data   Supply           |      |
|------------------------------------|------|
| Operating voltage AC max.          | 60 V |
| Operating voltage DC max.          | 60 V |
| Current operating per contact max. | 4 A  |

| Installation   Connection |         |
|---------------------------|---------|
| 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   Material data |                  |
|---------------------------------|------------------|
| Coating locking                 | Nickeled         |
| Coating of fitting              | nickel plated    |
| 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 |

| 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                 |                                                      |
|--------------------------------------|------------------------------------------------------|
| Cable identification                 | 318                                                  |
| Jacket Color                         | gray                                                 |
| Amount stranding                     | 1                                                    |
| Stranding                            | 3 wires twisted                                      |
| Cable shielding (type)               | copper braiding, bare                                |
| Cable shielding (coverage)           | 85 %                                                 |
| wire arrangement                     | brown, blue, black                                   |
| Material jacket                      | PUR                                                  |
| Outer-diameter (jacket)              | 5,9 mm                                               |
| Tolerance outer diameter (sheath)    | ± 5 %                                                |
| Material wire insulation             | PVC                                                  |
| Amount wires                         | 3                                                    |
| Conductor crosssection (wire)        | 0,34 mm <sup>2</sup>                                 |
| Current load capacity (standard)     | to DIN VDE 0298-4                                    |
| Current load capacity min. wire      | 6 A                                                  |
| Min. operating temperature (static)  | -30 °C                                               |
| Max. operating temperature (fixed)   | 80 °C                                                |
| Operating temperature min. (dynamic) | -5 °C                                                |
| Operating temperature max. (dynamic) | 70 °C                                                |
| UV resistance                        | DIN EN ISO 4892-2 A                                  |
| 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)               | 10 x Outer diameter                                  |
| Bending radius (dynamic)             | 15 x Outer diameter                                  |