

## M12 male 90° A-cod. with cable shielded

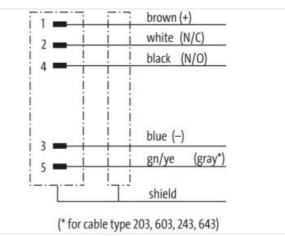
PUR 5x0.34 shielded gy UL/CSA 2m

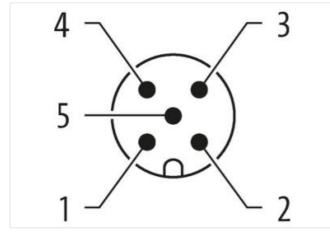
Male 90° M12, 5-pole shielded A-coded Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

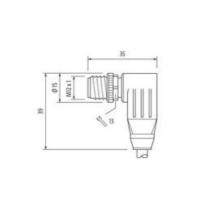
## Link to Product

Illustration









Product may differ from Image



Cable length

Side 1

Tightening torque

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2 m

0,6 Nm

Murrelektronik GmbH | Falkenstraße 3 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.com | shop.murrelektronik.com



| Mounting method                            | inserted, screwed                     |
|--|---------------------------------------|
| Coating contact                            | gold plated                           |
| Family construction form                   | M12                                   |
| Thread                                     | M12 x 1                               |
| Coding                                     | Α                                     |
| Material contact                           | Copper alloy                          |
| Material                                   | PUR                                   |
| Width across flats                         | SW13                                  |
| Degree of protection (EN IEC 60529)        | IP65, IP66K, IP67                     |
| Side 2                                     |                                       |
| Coating contact                            | gold plated                           |
| Commercial data                            |                                       |
| ECLASS-6.0                                 | 27279218                              |
| ECLASS-7.0                                 | 27279218                              |
| ECLASS-8.0                                 | 27279218                              |
| ECLASS-9.0                                 | 27060311                              |
| ETIM-5.0                                   | EC001855                              |
| customs tariff number                      | 85444290                              |
| GTIN                                       | 4048879406017                         |
| 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                                   |
| 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)               |                                       |
| Mechanical data   Material data            | ·                                     |
| ·  | Nielieled                             |
| Coating locking                            | Nickeled                              |
| Coating of fitting                         | nickel plated Zinc die-casting        |
| Locking material Material screw connection | -                                     |
|  | Zinc die-casting                      |
| Mechanical data   Mounting data            | inserted serviced Chaling protection  |
| 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                       | 949                                   |
| Cable shielding (type)                     | copper braiding, bare                 |
| wire arrangement                           | brown, black, blue, white             |

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| Travel speed (C-track)               | 2,5 Mio.   |
|--------------------------------------|--|
| Material jacket                      | PUR  |
| Outer-diameter (jacket)              | 6,5 mm   |
| Tolerance outer diameter (sheath)    | ±5%  |
| Material wire insulation             | PP   |
| Amount wires                         | 5  |
| Conductor crosssection (wire)        | 0,34 mm <sup>2</sup>                                 |
| 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 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  |
| chemical resistance                  | Good, application-related testing                    |
| Gasoline resistance                  | Good, application-related testing                    |
| Oil resistance                       | DIN EN 60811-404   Good, application-related testing |
| Bending radius (fixed)               | 5 x Outer diameter                                   |
| Bending radius (dynamic)             | 10 x Outer diameter                                  |

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