

M12 male 0° A-cod. with cable shielded

PVC 4x0.34 shielded gy 7m

Male straight M12, 4-pole A-coded shielded

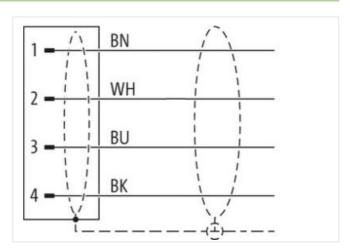
Plastic housings with good resistance against chemicals and oils.

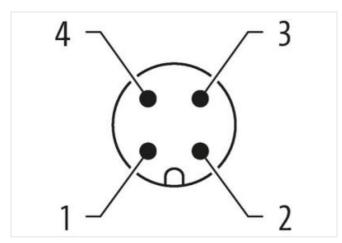
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

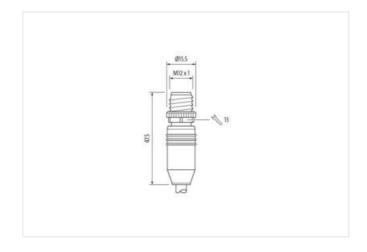
Link to Product

Illustration









Product may differ from Image









Cable length

7 m

Side 1

Tightening torque

0,6 Nm



stay connected

| Mounting method | inserted, screwed |
|------------------------------------------|---------------------------------------|
| Mounting method Coating contact | gold plated |
| Family construction form | M12 |
| Thread | M12 x 1 |
| Coding | A |
| Material contact | Copper alloy |
| Material | PUR |
| No. of poles | 4 |
| 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-7.0 | 27279218 |
| ECLASS-9.0 | 27060311 |
| ECLASS-9.0 | 27060311 |
| ECLASS-10.1 | 27060311 |
| ECLASS-12.0 | 27060311 |
| ETIM-5.0 | EC001855 |
| customs tariff number | 85444290 |
| GTIN | 4048879201322 |
| Packaging unit | 1 |
| Electrical data Supply | |
| Operating voltage AC max. | 60 V |
| Operating voltage DC max. | 60 V |
| Current operating per contact max. | 4 A |
| Diagnostics | |
| Status indication LED | no |
| Installation Connection | |
| Stripping length (jacket) | 20 mm |
| Mounting set | 20 mm M12 x 1 |
| | IVITEAT |
| Device protection Electrical | |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| Rated surge voltage | 1,5 kV |
| Material group (IEC 60664-1) | 1 |
| Mechanical data Material data | Nicolada |
| Coating locking | Nickeled |
| Coating of fitting Locking material | nickel plated |
| Material screw connection | Zinc die-casting Zinc die-casting |
| Mechanical data Mounting data | Zino dio odaling |
| 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 |
| | soponania on odolo quality |

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-27



stay connected

| lote on strain relief | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| lote 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 | 330 |
| acket Color | gray |
| Amount stranding | 1 |
| Stranding | 4 wires twisted |
| Stranding factor min. | 74 mm |
| Stranding factor max. | 74 mm |
| Cable shielding (type) | copper braid, tinned |
| Cable shielding (coverage) | 85 % |
| Banding | Fleece, Foil |
| vire arrangement | brown, black, blue, white |
| Cable weigth | 53,9 g/m |
| flaterial jacket | PVC |
| Shore hardness jacket | 85 Shore A |
| reedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free |
| Outer-diameter (jacket) | 5,9 mm |
| olerance outer diameter (sheath) | ±5% |
| Material wire insulation | PVC |
| amount wires | 4 |
| Outer diameter insulation | 1,4 mm |
| Outer diameter tolerance core insulation | ±5% |
| Shore hardness wire insulation | 85 Shore A |
| ngredient freeness wire insulation | lead-free, cadmium-free, CFC-free |
| mount strands (wire) | 42 |
| Diameter of single wires | 0,1 mm |
| Conductor crosssection (wire) | 0,34 mm² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | strand class 6 |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 4,8 A |
| Electrical resistance line constant wire | 57 Ω/km @ 20 °C |
| Max. rated voltage power (conductor - ground) | 300 V |
| Max. rated voltage power (conductor - onductor) | 500 V |
| C withstand voltage power (wire - shield) | 1,5 kV @ 60 s |
| Power frequency withstand voltage power wire - jacket) | 1,5 kV @ 60 s |
| C withstand voltage power (wire - wire) | 1,5 kV @ 60 s |
| fin. operating temperature (static) | -30 °C |
| Max. operating temperature (fixed) | 80 °C |
| Operating temperature min. (dynamic) | -5 °C |
| Operating temperature max. (dynamic) | 70 °C |
| lame resistance | UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 |
| hemical resistance | Good, application-related testing |
| Gasoline resistance | Good, application-related testing |
| Dil resistance | Good, application-related testing DIN EN 60811-404 |
| zii rodiotarioo | Good, application rolated testing Dire Lie 60011 404 |