

M8 male 0° / M8 female 0° B-cod.

PUR 5x0.25 bk UL 1m

Male straight – female straight M8, 5-pole B-coded

with cable sleeves

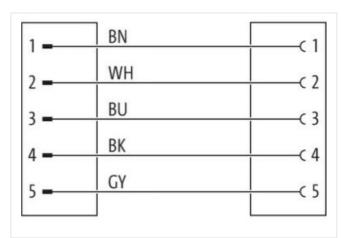
Plastic housings with good resistance against chemicals and oils.

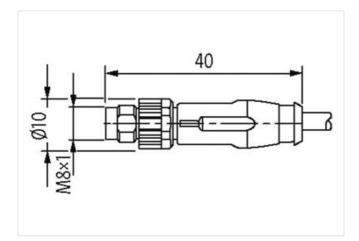
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

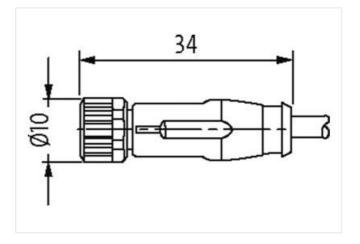
Link to Product

Illustration

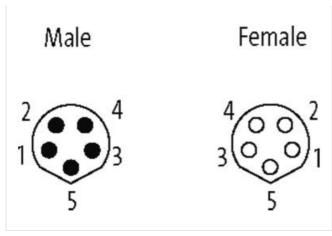












Product may differ from Image







| Side 1 Tightening torque 0,4 Nm Mounting method inserted, screwed Coating contract gold plated Family construction form M8 Thread M8 x 1 Coding B Material contact Copper alloy No. of poles 5 Width across flats SW9 Side 2 Tightening torque Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 Coding B Material contact Copper alloy No. of poles 5 Commercial date Copper alloy ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-1.2.0 27060311 ECLASS-1.2.0 27060311 ECLASS-1.3 4048879736213 | Cable length | 1 m |
|--|--------------------------|-------------------|
| Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 Coding B Material contact Copper alloy No. of poles 5 Width across flats SW9 Side 2 Tightening torque 0.4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 Coding B Material contact Copper alloy No. of poles 5 Commercial date ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tarilf number 85444290 | Side 1 | |
| Coaling contact gold plated Family construction form M8 Thread M8 x 1 Coding B Material contact Copper alloy No. of poles 5 Width across flats SW9 Side 2 Tightening torque 0.4 Nm Mounting method inserted, screwed Coaling contact gold plated Family construction form M8 Thread M8 x 1 Coding B Material contact Copper alloy No. of poles 5 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-12.0 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 E001855 customs tariff number 85444290 | Tightening torque | 0,4 Nm |
| Family construction form M8 Thread M8 x 1 Coding B Material contact Copper alloy No. of poles 5 Width across flats SW9 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 Coding B Material contact Copper alloy No. of poles 5 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 EC01855 customs tariff number 85444290 | Mounting method | inserted, screwed |
| Thread M8 x 1 Coding B Material contact Copper alloy No. of poles 5 Width across flats SW9 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 Coding B Material contact Copper alloy No. of poles 5 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 ECUSES customs tariff number 85444290 | Coating contact | gold plated |
| Coding B Material contact Copper alloy No. of poles 5 Width across flats SW9 Side 2 Tightening torque Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 Coding B Material contact Copper alloy No. of poles 5 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 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 ECOULSES customs tariff number 85444290 | Family construction form | M8 |
| Material contact Copper alloy No. of poles 5 Width across flats SW9 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 Coding B Material contact Copper alloy No. of poles 5 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 | Thread | M8 x 1 |
| No. of poles 5 | Coding | В |
| Width across flats SW9 Side 2 Tightening torque 0,4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 Coding B Material contact Copper alloy No. of poles 5 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-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 | Material contact | Copper alloy |
| Side 2 Tightening torque 0.4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 Coding B Material contact Copper alloy No. of poles 5 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 272779218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC01855 customs tariff number 85444290 | No. of poles | 5 |
| Tightening torque 0,4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 Coding B Material contact Copper alloy No. of poles 5 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 | Width across flats | SW9 |
| Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 x 1 Coding B Material contact Copper alloy No. of poles 5 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 | Side 2 | |
| Coating contact gold plated Family construction form M8 Thread M8 x 1 Coding B Material contact Copper alloy No. of poles 5 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 ECLASS-12.0 27060311 ETIM-5.0 EC01855 customs tariff number 85444290 | Tightening torque | 0,4 Nm |
| Family construction form M8 Thread M8 x 1 Coding B Material contact Copper alloy No. of poles 5 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 | Mounting method | inserted, screwed |
| Thread M8 x 1 Coding B Material contact Copper alloy No. of poles 5 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 ECIASS-12.0 85444290 | | gold plated |
| Coding B Material contact Copper alloy No. of poles 5 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 ECLASS-12.0 85444290 | Family construction form | M8 |
| Material contact Copper alloy No. of poles 5 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 ECLASS-12.0 27060311 ECLASS-12.0 85444290 | Thread | M8 x 1 |
| No. of poles 5 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 | Coding | В |
| 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 | Material contact | Copper alloy |
| 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 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 | No. of poles | 5 |
| 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 | Commercial data | |
| 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 | ECLASS-6.0 | 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 | ECLASS-6.1 | 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 | ECLASS-7.0 | 27279218 |
| ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 | ECLASS-8.0 | 27279218 |
| ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 | ECLASS-9.0 | 27060311 |
| ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 | ECLASS-10.1 | 27060311 |
| ETIM-5.0 EC001855 customs tariff number 85444290 | ECLASS-11.1 | 27060311 |
| customs tariff number 85444290 | ECLASS-12.0 | 27060311 |
| | ETIM-5.0 | EC001855 |
| GTIN 4048879736213 | customs tariff number | 85444290 |
| | GTIN | 4048879736213 |

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: 2024-05-21



stay connected

| Packaging unit | 1 |
|--|---|
| Electrical data Supply | |
| 1 117 | 30 V |
| Operating voltage AC max. Operating voltage DC max. | 30 V |
| Current operating per contact max. | 3 A |
| | 3 N |
| Diagnostics | |
| Status indication LED | no |
| Installation Connection | |
| Mating cycles min. | 100 |
| Device protection Electrical | |
| Degree of protection (EN IEC 60529) | IP67 |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3/2 |
| Insulation resistance min. | 100 ΜΩ |
| Mechanical data Material data | |
| Coating locking | Nickeled |
| Material gasket | FKM |
| Material housing | TPU |
| Locking material | Zinc die-casting |
| Mechanical data Mounting data | |
| | inserted assured Obelian authorities |
| Mounting method | inserted, screwed, Shaking protection |
| Environmental characteristics Climatic | |
| Operating temperature min. | -30 °C |
| Operating temperature max. | 80 °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 | Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |
| Installation Cable | |
| wire arrangement | brown, white, black, blue, gray |
| Cable identification | 695 |
| Jacket Color | black |
| Amount stranding | 1 |
| Stranding | 5 wires twisted |
| wire arrangement | brown, white, black, blue, gray |
| Material jacket | PUR |
| Outer-diameter (jacket) | 4,7 mm |
| Tolerance outer diameter (sheath) | ± 5 % |
| Material wire insulation | PP |
| Amount wires | 5 |
| Outer diameter insulation | 1,2 mm |
| Outer diameter tolerance core insulation | ± 5 % |
| Amount strands (wire) | 32 |
| Diameter of single wires | 0,1 mm |
| Conductor crosssection (wire) | 0,25 mm ² |
| Motorial conductor wire | Stranded copper wire, bare |
| Material conductor wire | |
| Conductor type (wire) | strand class 6 |
| Conductor type (wire) Nominal voltage AC max. | strand class 6 300 V |
| Conductor type (wire) | strand class 6 |

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: 2024-05-21



| Electrical resistance line constant wire | 58 Ω/km @ 20 °C |
|---|--|
| AC withstand voltage (wire - wire) | 3 kV @ 60 s |
| Power frequency withstand voltage (wire - jacket) | 3 kV @ 60 s |
| Min. operating temperature (static) | -25 °C |
| Max. operating temperature (fixed) | 80 °C |
| Operating temperature min. (dynamic) | -10 °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 (dynamic) | 7,5 x Outer diameter |
| No. of bending cycles (C-track) | 5 Mio. @ 25 °C |
| Travel speed (C-track) | 3 m/s |