

Y-Distributor M12 male / M12 female 0° A-cod.

PVC 3x0.34 ye UL/CSA 0.6m

Art.No.: 7000-40701-0130060

Weight: 0.083 Country of origin: CZ

Model designation: MSAYTL0-BR013_0.6-BR013_0.6

Y-connector M12 – M12, 4/3-pole Male straight – females straight

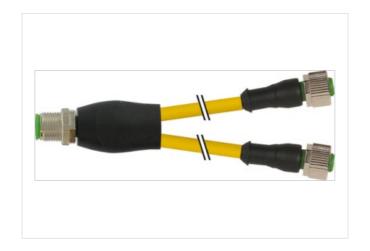
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils.

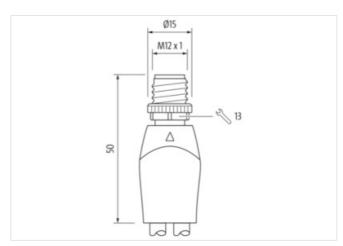
The resistance to aggressive media should be individually tested for your application. Further details on request.

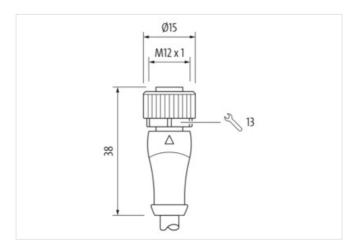
Further cable lengths on request.

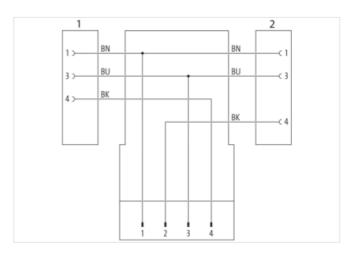
Link to Product

Illustration



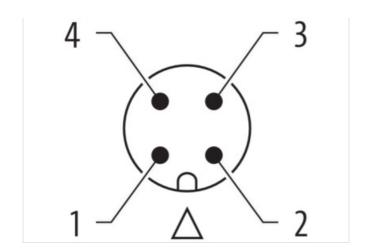


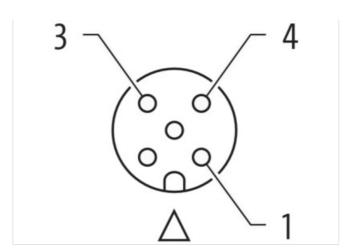


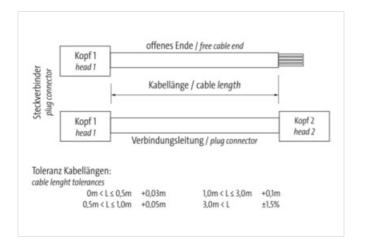


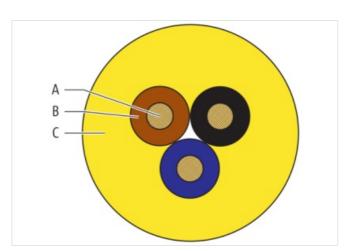


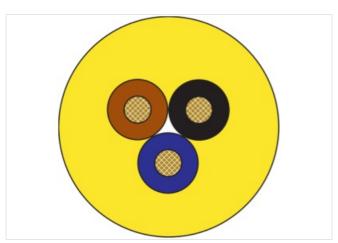
stay connected











Product may differ from Image















| | _ | _ | 4 | _ | |
|---|---|---|---|---|---|
| п | е | а | α | е | L |

Material short text MSAYTL0-BR013_0.6-BR013_0.6

Cable length 0,60 m

Side 1



stay connected

| Formilly approximation forms | MAC | |
|---|--|--|
| Family construction form | M12 | |
| No. of poles | 3 | |
| Coding | A | |
| Gender | female | |
| Mounting method | inserted, screwed | |
| Thread | M12 x 1 | |
| Tightening torque | 0.6 Nm | |
| Width across flats | SW13 | |
| Cable outlet | straight | |
| suitable for corrugated tube (internal Ø) | 10 mm | |
| Material | PUR | |
| Material contact | Copper alloy | |
| Coating contact | gold plated | |
| Degree of protection (EN IEC 60529) | IP67, IP66K, IP65 | |
| Side 2 | | |
| Family construction form | M12 | |
| No. of poles | 3 | |
| Coding | A | |
| Gender | female | |
| Mounting method | inserted, screwed | |
| Thread | M12 x 1 | |
| Tightening torque | 0.6 Nm | |
| Width across flats | SW13 | |
| Cable outlet | straight | |
| suitable for corrugated tube (internal Ø) | 10 mm | |
| Material | PUR | |
| Material contact | Copper alloy | |
| Coating contact | gold plated | |
| Degree of protection (EN IEC 60529) | IP67, IP66K, IP65 | |
| Side 3 | | |
| Family construction form | M12 | |
| No. of poles | 4 | |
| Coding | A | |
| Gender | male | |
| Mounting method | inserted, screwed | |
| Thread | M12 x 1 | |
| Tightening torque | 0.6 Nm | |
| Width across flats | SW13 | |
| Cable outlet | straight | |
| Material | PUR | |
| Material contact | Copper alloy | |
| Coating contact | gold plated | |
| Degree of protection (EN IEC 60529) | IP67, IP66K, IP65 | |
| Commercial data | | |
| URL Webshop | https://shop.murrelektronik.com/7000-40701-0130060 | |
| GTIN GTIN | 4048879158114 | |
| | | |
| ECLASS-6.0 | 27279218 | |
| FOLACC 6.1 | 07070010 | |
| ECLASS-6.1 | 27279218 | |
| ECLASS-7.0 | 27279218 | |
| ECLASS-7.0 ECLASS-7.1 | 27279218 27279218 | |
| ECLASS-7.0 ECLASS-7.1 ECLASS-8.0 | 27279218 27279218 | |
| ECLASS-7.0 ECLASS-7.1 | 27279218 27279218 | |

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: 2025-11-05



stay connected

| ECLASS-13.0 27060313 ECLASS-14.0 27060313 ETIM-5.0 EC001855 ETIM-6.0 EC001855 ETIM-7.0 EC001855 ETIM-8.0 EC001855 customs tariff number 85444290 EAN 4048879158114 | ECLASS-9.1 | 27060313 | |
|---|---------------------------------|---------------------------------------|--|
| ECLASS.101 27960313 ECLASS.11.0 27960313 ECLASS.12.0 27960313 ECLASS.12.0 27960313 ECLASS.14.0 27960313 ECLASS.14.0 27960313 ECLASS.14.0 12001855 ETIME-0.0 EC001855 ETIME-1.0 EC001855 ETIME 9.0 EC001865 ETIME 9.0 EC001865 ETIME 9.0 EC001865 EVAN 40488718114 Packaging unit 1 Electrical data Supply Portural postage AC max. Opurating voltage DC max. 250 V Opurating voltage AC max. 250 V Opurating voltage DC max. 250 V Description of the activation of protection register of per contact max. 4 A Diagnositics Additional condition protection register. Balass indication LED no Description for protection Electrical Additional condition protection degree 3 Balass survivage 2 5 kV Melerical group (EC 60094-1) 1 M | ECLASS-10.0.1 | 27060313 | |
| ECLASS-110 27060313 ECLASS-120 27060313 ECLASS-120 27060313 ECLASS-14.0 27060313 ECLASS-14.0 27060313 ETIM-5.0 EC001855 ETIM-7.0 EC001855 ETIM-7.0 EC001855 ETIM-8.0 EC001855 Customs fariff number 8544420 EAN 4048879159114 Packaging unit 1 Electrical data! Supply Opporating voltage AC max. 250 V | | | |
| ECLASS 1.1.1 27660313 ECLASS 1.2.0 27660313 ECLASS 1.3.0 27660313 ECLASS 1.4.0 27660313 ECLASS 1.4.0 EC001855 ETIM-6.0 EC001855 ETIM-7.0 EC001855 ETIM-7.0 EC001855 ETIM-8.0 404879158114 Packaging until 1 EENA 404879158114 Packaging until 1 Electrical data [suppty Operating voltage AC max. 250 V Operating voltage PC max. 250 V Courtent operating per contact max. 4 A Device protection flectrical Additional condition protection degree inserted, screwad Pollution Degree 3 Raded surge voltage 2,5 kV Material pout (EC 8064-1) 1 Mechanical data [in Improve (EC 8064-1) 1 Mechanical data [in Impr | | | |
| ECLASS-120 27980313 ECLASS-13.0 27080313 ETIM-5.0 ECO01855 ETIM-6.0 ECO01855 ETIM-7.0 ECO01855 ETIM-7.0 ECO01855 ETIM-8.0 ECO01855 ETIM-8.0 ECO01855 ETIM-8.0 ECO01855 ETIM-8.0 40448290 EAN 40448379158114 Packaging unit 1 Electrical data Supply Poperating voltage AC max. Operating voltage PC max. 250 V Current operating per contact max. 4 A Diagnostics Status indication LED Device protection Electrical Additional condition protection degree Pollution Diagnostics 1 National condition protection degree 1 Pollution Diagnostics 1 National sorray (active See See See See See See See See See S | | | |
| ECILASS-14.0 27060313 ETIMA 5.0 EC001855 ETIMA 6.0 EC001855 ETIMA 7.0 EC001855 ETIMA 9.0 EC001855 ETIMA 9.0 45444290 EAN 404873188114 Packaging unt 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage PC max. 250 V Current operating per contact max. 4 A Davice protection FORTION (Page 1978) Status indication LED no Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Ratio stay voltage 2,5 kV Material screw commedion Zinc die-casting Locating of fitting nickle plated Locating of fitting nickle plated Locating of screw commedion Zinc die-casting Coating of coking Nickleder Material screw commedion Zinc die casting Coating of coking Nickleder Mater | ECLASS-12.0 | | |
| ECLASS-14.0 22060313 ETIM 5.0 EC001855 ETIM 6.0 EC001855 ETIM 7.0 EC001855 ETIM 8.0 EC001855 ETIM 8.0 EC001855 customs stuff number 85444290 EAN 4048879158114 Peckaging unit 1 Electrical data Supply Operating voltage DC max. 250 V Operating voltage DC max. 250 V Current operating per contact max. 4 A Valuation of protection agree no Pevice protection Electrical Additional condition protection dagree 3 Ratio surge voltage 2.5 kV Pollution Degree 3 Ratio surge voltage 2.5 kV Material screw connection Zinc die-casting Casting of fitting nickel plateral Lodking material Zinc die casting Casting of fitting nickel plateral Lodking material (ask) FKM Mechanical data Mounting data Nickeled Mounting method In | ECLASS-13.0 | 27060313 | |
| ETIM-6.0 EC001885 ETIM-7.0 EC001885 ETIM-9.0 EC001895 customs taiff number 85444290 EAN 4048879158114 Packaging unit 1 Electrical data Supply Properating voltage AC max. Operating voltage DC max. 250 V Operating voltage DC max. 250 V Current operating per contact max. 4 A Diagnostics Status indication LED no Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material surge voltage 2,5 kV Material surge voltage 2,5 kV Material strain data! Material data! Material strain data! Mechanical data! Material data Inckel plated Coating of iffiting inckel plate | ECLASS-14.0 | | |
| ETIMA 7.0 EC001885 ETIM 8.0 EC001885 ETIM 8.0 EC001885 EAN 4048879158114 Packaging unt 1 Electrical datal Supply Producing voltage AC max. Operating voltage AC max. 250 V Common operating per contact max. 4 A Diagnostics Status indication LED Status indication LED no Device protection [Electrical Profession of the protection of degree Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2.5 kV Meterial group (EC 80684-1) I Michael and Material active connection Zinc die-casting Coating of fitting nickel pitted Locking material Zinc die-casting Coating of fitting nickel pitted Locking material Zinc die-casting Coating obering days FKM Mechanical data Mounting data Professional pitter (active active a | ETIM-5.0 | | |
| ETIM-8.0 EC001855 | ETIM-6.0 | | |
| customs tariff number 85444290 EAN 4048879158114 Packaging unit 1 Electrical data Supply 50 V Operating voltage AC max. 250 V Current operating per contact max. 4 A Pagesting Seles 8 Status indication LED no Poevice protection Electrical Device of protection of protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2.5 kV Material screw connection Zinc die-casting Cabling of litting nickel plated Locking material Zinc die-casting Casting booking Nickelad Material specking FKM Mechanical data Mounting data Nickelad Mounting method inserted, screwed, Shaking protection Environmental characteristics Climits Coperating temperature mix. Operating temperature max. 30 °C Operating temperature max. 45 °C Additional condition temperature range depending on cable quality Important installation notes Protect the | ETIM-7.0 | EC001855 | |
| EAN 4048879158114 Packaging unit 1 Electrical data Supply 250 V Operating voltage AC max. 250 V Current operating per contact max. 4 A Diagnostics Status indication LED no Device protection Electrical Additional condition protection degree 3 Rated surge voltage 2.5 kW Material group (EC 80664-1) 1 Methanical data Material data Incident part of the part of t | ETIM-8.0 | EC001855 | |
| Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage DC max. 250 V Current operating per contact max. 4 A Diagnostics Status indication LED no Device protection [Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2.5 kV Material group (IEC 60664-1) 1 Mechanical data Material data *** Material screw connection 2 finc die-casting Coating of litting nickel plated Locking material 2 finc die-casting Coating of litting nickel plated Locking material FikM Mechanical data Mounting data inserted, screwed, Shaking protection Mechanical data Mounting data inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature mix. 30 °C Operating temperature mix. 35 °C Operating temperature mix. 3 | customs tariff number | 85444290 | |
| Electrical data Supply 250 V Operating voltage AC max. 250 V Operating per contact max. 4 A Diagnostics Status indication LED no Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 3 Rated surge voltage 2.5 kV 4 Material sorew (Eco 60664+1) 1 1 Metarial sorew connection Zinc die-casting Coating of litting nickel plated Locking material Zinc die-casting Coating locking Nickeled Material sorew connection Zinc die-casting Coating locking Nickeled Material pasket FKM Mechanical data Mounting data FKM Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature min. 30 °C Operating temperature min. 30 °C Actional condition temperature range depending on cable quality Important installation notes Evident inserted, Screwed bending forces. | EAN | 4048879158114 | |
| Operating voltage AC max. 250 V Operating voltage DC max. 250 V Current operating per contact max. 4 A A Diagnostics Status indication LED no Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2.5 kV Material group (IEC 60664-1) 1 Inserted screw connection Mechanical data Material data Mechanical data Material data Mechanical data Meterial data Material screw connection Zinc die-casting Coating of litting nickel plated Locking material Zinc die-casting Coating locking Nickeled Material saket FKM Mechanical data Mounting data FKM Mechanical data Mounting data Inserted, screwed, Shaking protection Inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. 30 °C Operating temperature min. 30 °C Operating temperature min. 45 °C Operating temperature max. 85 °C Alternation: Observe the permissible bending radii when laying cables, as t | Packaging unit | 1 | |
| Operating voilage DC max. 250 V Current operating per contact max. 4 A Diagnostics no Status indication LED no Device protection Electrical | Electrical data Supply | | |
| Operating voilage DC max. 250 V Current operating per contact max. 4 A Diagnostics no Status indication LED no Device protection Electrical | Operating voltage AC max. | 250 V | |
| Current operating per contact max. 4 A Diagnostics Status indication LED no Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2.5 kV Material group (IEC 60664-1) I L Mechanical data Material data Wechanical data Material data L Mechanical data Material data Zinc die-casting C Coating of fitting nickel plated C Locking material Zinc die-casting C Coating losking Nickeled C Material gasket FKM FKM Mechanical data Mounting data Mechanical data Mounting data FKM Mechanical characteristics Climatic Coperating temperature min. 30 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality depending andius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of c | | | |
| Diagnostics Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2.5 kV Material group (IEC 60664-1) 1 Mechanical data Material data Image: Material group (IEC 60664-1) Material group (IEC 60664-1) 1 Mechanical data Material data Image: Material group (IEC 60664-1) Material group (IEC 60664-1) 2Inc die-casting Coating of fitting nickel plated Locking material Zinc die-casting Coating locking Nickeled Material gasket FKM Mechanical data Mounting data inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature min. 40° C Operating temperature min. 40° C Operating temperature max 85° C Additional condition temperature range depending on cable quality Important installation notes Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Note on banding radiia EN IEC 61 | | | |
| Status indication LED no no Device protection Electrical Inserted, screwed Inserted, screwed Pollution Degree 3 3 3 3 3 3 3 3 3 | | | |
| Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2.5 kV Material group (IEC 60664-1) I Mechanical data Material data Material screw connection Zinc die-casting Coating of fitting nickel plated Locking material Zinc die-casting Coating locking Nickeled Naterial gasket FKM Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Environmental characteristics Climatic Operating temperature min30 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on bending radius Attendor: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Conformity Product standard En IEC 61076-2-101 (M12) Installation Cable Cable (dentification 013 Cable Type 1 Amount straining 3 wires stranded Cable weigth 31 g/m | | no | |
| Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2.5 kV Material group (IEC 60664-1) I Mechanical data Material data Material screw connection Zinc die-casting Coating of fitting nickel plated Locking material Zinc die-casting Coating locking Nickeled Naterial gasket FKM Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Environmental characteristics Climatic Operating temperature min30 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on bending radius Attendor: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Conformity Product standard En IEC 61076-2-101 (M12) Installation Cable Cable (dentification 013 Cable Type 1 Amount straining 3 wires stranded Cable weigth 31 g/m | Device protection Electrical | | |
| Pollution Degree 3 Rated surge voltage 2.5 kV Material group (IEC 6064-1) 1 Mechanical data Material data Material screw connection Zinc die-casting Coating of fitting nickel plated Locking material Zinc die-casting Coating oloking Nickeled Material gasket FKM Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min30 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes 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. Conformity Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Conformity Installation Cable Cable Type | | inserted screwed | |
| Rated surge voltage 2.5 kV Material group (IEC 60664-1) I Mechanical data Material data Image: Coating of Itting in ickel plated Coating of Itting in ickel plated Image: Coating of Itting in ickel plated Locking material in Image: Coating locking lockin | | · · · · · · · · · · · · · · · · · · · | |
| Material group (IEC 60664-1) I Mechanical data Material data Material screw connection Zinc die-casting Coating of fitting nickel plated Locking material Zinc die-casting Coating looking Nickeled Material gasket FKM Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min30 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on bending radius Attender Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Cofferity Cofferity Product standard En IC 61076-2-101 (M12) Installation Cable Cable identification 3 wires stranded Cable weigth 31 g/m | | | |
| Mechanical data Material data Zinc die-casting Coating of fitting nickel plated Locking material Zinc die-casting Coating locking Nickeled Material sasket FKM Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature min. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Note on bending radius Attention: Observe the permissible measures from mechanical loads, e.g. by the usage of cable ties. Conformity Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Conformity EN IEC 61076-2-101 (M12) Installation Cable Cable Itype Cable Type 1 Amount stranding 1 Stranding 3 wires stranded Cable Weigth 31 g/m | | | |
| Coating of fitting nickel plated Locking material Zinc die-casting Coating locking Nickeled Material gasket FKM Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min30 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes 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. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Conformity Product standard EN IEC 61076-2-101 (M12) Installation Cable Cable identification 013 Cable Type 1 Amount stranding 1 Stranding 3 wires stranded Cable weigth 31 g/m | | | |
| Coating of fitting nickel plated Locking material Zinc die-casting Coating locking Nickeled Material gasket FKM Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min30 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes 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. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Conformity Product standard EN IEC 61076-2-101 (M12) Installation Cable Cable identification 013 Cable Type 1 Amount stranding 1 Stranding 3 wires stranded Cable weigth 31 g/m | Material screw connection | Zinc die-casting | |
| Locking material Zinc die-casting Coating locking Nickeled Material gasket FKM Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -30 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes 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. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Conformity Product standard EN IEC 61076-2-101 (M12) Installation Cable Cable identification 013 Cable Type 1 Amount stranding 1 Stranding 3 wires stranded Cable weigth 31 g/m | | | |
| Coating locking Nickeled Material gasket FKM Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min30 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes 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. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Conformity Product standard EN IEC 61076-2-101 (M12) Installation Cable Cable identification 013 Cable Type 1 Amount stranding 1 Stranding 3 wires stranded Cable weigth 31 g/m | | • | |
| Metrial gasket FKM Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min30 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes 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. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Conformity Product standard EN IEC 61076-2-101 (M12) Installation Cable Cable identiffication 013 Cable Type 1 Amount stranding 1 Stranding 3 wires stranded Cable weigth 31 g/m | | Nickeled | |
| Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min30 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes 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. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Conformity Product standard EN IEC 61076-2-101 (M12) Installation Cable Cable identification 013 Cable Type 1 Amount stranding 1 Stranding 3 wires stranded Cable weigth 31 g/m | Material gasket | FKM | |
| Environmental characteristics Climatic Operating temperature min. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on bending radius Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Conformity Product standard EN IEC 61076-2-101 (M12) Installation Cable Cable identification 013 Amount stranding 1 Stranding 3 wires stranded Cable weigth 31 g/m | Mechanical data Mounting data | | |
| Environmental characteristics Climatic Operating temperature min. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on bending radius Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Conformity Product standard EN IEC 61076-2-101 (M12) Installation Cable Cable identification 013 Amount stranding 1 Stranding 3 wires stranded Cable weigth 31 g/m | Mounting method | inserted, screwed, Shaking protection | |
| Operating temperature min. -30 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes 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. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Conformity Product standard EN IEC 61076-2-101 (M12) Installation Cable Cable identification 013 Cable Type 1 Amount stranding 1 Stranding 3 wires stranded Cable weigth 31 g/m | | | |
| Operating temperature max. Additional condition temperature range depending on cable quality Important installation notes 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. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Conformity Product standard EN IEC 61076-2-101 (M12) Installation Cable Cable identification 013 Cable Type 1 Amount stranding 1 Stranding 3 wires stranded Cable weigth 31 g/m | • | | |
| Additional condition temperature range depending on cable quality Important installation notes 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. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Conformity Product standard EN IEC 61076-2-101 (M12) Installation Cable Cable identification 013 Cable Type 1 Amount stranding 1 Stranding 3 wires stranded Cable weigth 31 g/m | | | |
| Important installation notes 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. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Conformity Product standard EN IEC 61076-2-101 (M12) Installation Cable Cable identification 013 Cable Type 1 Amount stranding 1 Stranding 3 wires stranded Cable weigth 31 g/m | | | |
| Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Conformity Product standard EN IEC 61076-2-101 (M12) Installation Cable Cable identification 013 Cable Type 1 Amount stranding 1 Stranding 3 wires stranded Cable weigth 31 g/m | | asponding on stable quality | |
| Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Conformity Product standard EN IEC 61076-2-101 (M12) Installation Cable Cable identification 013 Cable Type 1 Amount stranding 1 Stranding 3 wires stranded Cable weigth 31 g/m | • | | |
| Product standard EN IEC 61076-2-101 (M12) Installation Cable Cable identification 013 Cable Type 1 Amount stranding 1 Stranding 3 wires stranded Cable weigth 31 g/m | Note on strain relief | , , , , , , , , , , , , , , , , , , , | |
| Product standard EN IEC 61076-2-101 (M12) Installation Cable Cable identification 013 Cable Type 1 Amount stranding 1 Stranding 3 wires stranded Cable weigth 31 g/m | Conformity | | |
| Cable identification 013 Cable Type 1 Amount stranding 1 Stranding 3 wires stranded Cable weigth 31 g/m | • | FN IFC 61076-2-101 (M12) | |
| Cable identification 013 Cable Type 1 Amount stranding 1 Stranding 3 wires stranded Cable weigth 31 g/m | | | |
| Cable Type 1 Amount stranding 1 Stranding 3 wires stranded Cable weigth 31 g/m | · | 012 | |
| Amount stranding 1 Stranding 3 wires stranded Cable weigth 31 g/m | | | |
| Stranding 3 wires stranded Cable weigth 31 g/m | | | |
| Cable weigth 31 g/m | | | |
| | | | |
| Material wire insulation PVC | | | |
| | Material wire insulation | PVC | |

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: 2025-11-05



| stay coni | nected |
|-----------|--------|
| | |

| Amount wires | 3 |
|--|--|
| Outer diameter insulation | 1.25 mm |
| Outer diameter tolerance core insulation | ± 0.05 mm |
| Shore hardness wire insulation | 45 ± 5 Shore D |
| Material properties wire insulation | good machinability |
| Ingredient freeness wire insulation | CFC-free, cadmium-free, silicone-free, lead-free |
| Amount strands (wire) | 19 |
| Diameter of single wires | 0.15 mm |
| Conductor crosssection (wire) | 0.34 mm² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | Strand class 5 |
| Outer-diameter (jacket) | 4.6 mm |
| Tolerance outer diameter (sheath) | ± 5 % |
| Material jacket | PVC |
| Shore hardness jacket | 85 ± 5 Shore A |
| Freedom from ingredients (jacket) | CFC-free, cadmium-free, silicone-free, lead-free |
| Material property (jacket) | good machinability |
| Conductor resistance (wire) | 57 Ω/km @ 20 °C |
| Nominal voltage AC max. | 300 V |
| Withstand voltage (wire - wire) | 2 kV @ 60 s |
| Withstand voltage (wire - jacket) | 2 kV @ 60 s |
| 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 (static) | 80 °C |
| Operating temperature min. (dynamic) | -5 °C |
| Operating temperature max. (dynamic) | 80 °C |
| Flame resistance | UL 1581 § 1080, CSA FT1, IEC 60332-1-2 |
| Oil resistance | good |
| Chemical resistance | good |
| Other resistances | good resistance to gasoline |
| Bending radius (fixed) | 5 × Outer diameter |
| Bending radius (dynamic) | 10 × Outer diameter |