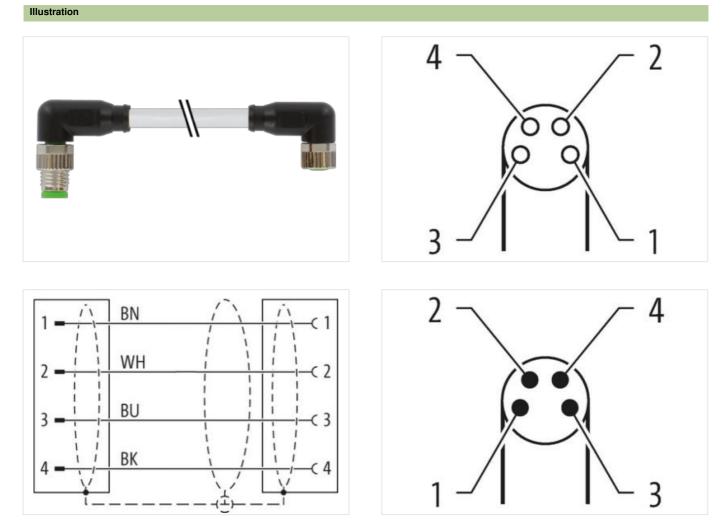


## M8 male 90° / M8 female 90° A-cod. shielded

PVC 4x0.34 shielded gy UL/CSA 0.6m

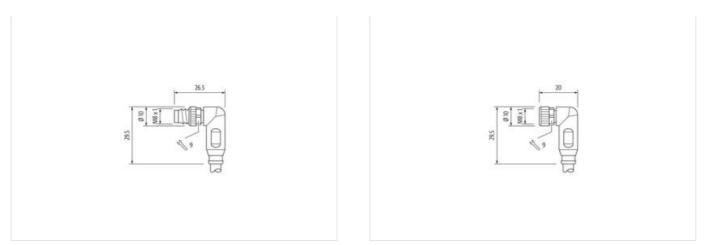
Male 90° – female 90° M8 – M8, 4-pole shielded Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product



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Product may differ from Image



|  | Cable length                       | 0,6 m         |
|--|------------------------------------|---------------|
| Family construction form     M8       Thread     M8 x 1       Width across flats     SW9       Side 2     Tiphtening torque     0.4 Nm       Thread     M8 x 1     Commercial data       ECLASS-6.0     27279218     ECLASS-7.0       ECLASS-7.0     27279218     ECLASS-7.0       ECLASS-7.0     27279218     ECLASS-7.0       ECLASS-8.0     27279218     ECLASS-7.0       ECLASS-7.0     27279218     ECLASS-7.0       ECLASS-8.0     27260311     ECLASS-7.0       ECLASS-1.1     27060311     ECLASS-1.1       ECLASS-1.2.0     ECO101855     ECO10160       ustoms tariff number     85444290     GTN       GTN     4048879409957     Graduation of the second seco | Side 1                             |               |
| Thread     M8 x 1       Width across flats     SW9       Side 2  | Tightening torque                  | 0,4 Nm        |
| Width across flats     SW9       Side 2     Tightening torque     0,4 Nm       Thread     M8 x 1       Commercial data     ECLASS 6.0     27279218       ECLASS 6.1     27279218       ECLASS 7.0     27060311       ECLASS 7.0     EC001855       customs tariff number     8544290       GTIN     404879409957       Packaging unit     1       Electrical data Supply     Coperating voltage AC max.       Operating voltage AC max.     30 V       Operating voltage AC max.     30 V       Current operating per contact max.     4 A       Degree of protection [Electrical     Electrical Chi Electrical       Degree of protection [El   | Family construction form           | M8            |
| Side 2       Tightening torque     0,4 Nm       Thread     M8 x 1       Commercial data     ECLASS-6.0       ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27060311       ECLASS-10.1     27060311       ECLASS-12.0     27060311       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879400957       Packaging unit     1       Electrical data   Supply     Operating voltage AC max.       Q0 v     Qoerating voltage DC max.       Q0 V     Qoerating voltage AC max.       Q0 V     Qoerating voltage DC ma  | Thread                             | M8 x 1        |
| Tightening torque     0.4 Nm       Thread     M8 x 1       Commercial data     ECLASS-6.0     27279218       ECLASS-6.1     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060311       ECLASS-9.0     27060311       ECLASS-10.1     27060311       ECLASS-12.0     27060311       Ectrical data   Supply     4048879409957       Packaging unit     1       Electrical data   Supply     30 V  | Width across flats                 | SW9           |
| Thread     M8 x 1       Commercial data       ECLASS-6.0     27279218       ECLASS-6.1     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060311       ECLASS-9.0     27060311       ECLASS-10.1     27060311       ECLASS-10.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ETIM-5.0     ECO1855       customs tariff number     85444290       GTIN     4048879409957       Packaging unit     1       Electrical data   Supply       Operating voltage AC max.     30 V       Operating voltage DC max.     30 V       Operating voltage DC max.     30 V       Current operating per contact max.     4 A       Device protection [EN IEC 60529)     IP65, IP67       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     0,8 K   | Side 2                             |               |
| Commercial data       ECLASS-6.0     27279218       ECLASS-6.1     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060311       ECLASS-1.1     27060311       ECLASS-1.2.0     27060311       ECLASS-1.1     27060311       ECLASS-1.2.0     27060311       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879409957       Packaging unit     1       Etertical data   Supply   | Tightening torque                  | 0,4 Nm        |
| 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-10.1     27060311       ECLASS-10.1     27060311       ECLASS-10.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879409957       Packaging unit     1       Electrical data   Supply     Operating voltage AC max.       Operating voltage AC max.     30 V       Operating voltage DC max.     30 V       Current operating per contact max.     4 A       Device protection (EN IEC 60529)     IP65, IP67       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     0,8 kV  | Thread                             | M8 x 1        |
| ECLASS-6.1     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060311       ECLASS-10.1     27060311       ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060315       Packaging unit     1       Electrical data Supply     200       Operating voltage AC max. </td <td>Commercial data</td> <td></td>   | 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       ECLASS-12.0     27060311       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879409957       Packaging unit     1       Electrical data   Supply       Operating voltage AC max.     30 V       Operating voltage DC max.     30 V       Current operating per contact max.     4 A       Device protection   Electrical     Supervection   Electrical       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     0,8 kV   | ECLASS-6.0                         | 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     EC001855       customs tariff number     85444290       GTIN     4048879409957       Packaging unit     1       Electrical data   Supply       Operating voltage AC max.     30 V       Operating voltage DC max.     30 V       Current operating per contact max.     4 A       Device protection [Electrical     Electrical condition protection degree       Inserted, screwed     Pollution Degree       Pollution Degree     3       Rated surge voltage     0,8 kV   | ECLASS-6.1                         | 27279218      |
| ECLASS-9.0     27060311       ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879409957       Packaging unit     1       Electrical data   Supply     0       Operating voltage AC max.     30 V       Operating per contact max.     4 A       Device protection   Electrical     1       Degree of protection (EN IEC 60529)     IP65, IP67       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     0,8 kV   | ECLASS-7.0                         | 27279218      |
| ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879409957       Packaging unit     1       Electrical data   Supply     0       Operating voltage AC max.     30 V       Operating voltage DC max.     30 V       Current operating per contact max.     4 A       Device protection   Electrical     1       Degree of protection (EN IEC 60529)     IP65, IP67       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     0,8 kV   | ECLASS-8.0                         | 27279218      |
| ECLASS-11.1     27060311       ECLASS-12.0     27060311       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879409957       Packaging unit     1       Electrical data   Supply       Operating voltage AC max.     30 V       Operating voltage DC max.     30 V       Current operating per contact max.     4 A       Device protection   Electrical     Electrical       Degree of protection (EN IEC 60529)     IP65, IP67       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     0,8 kV   | ECLASS-9.0                         | 27060311      |
| ECLASS-12.027060311ETIM-5.0EC001855customs tariff number85444290GTIN4048879409957Packaging unit1Electrical data   SupplyOperating voltage AC max.30 VOperating voltage DC max.30 VCurrent operating per contact max.4 ADevice protection   ElectricalDegree of protection (EN IEC 60529)IP65, IP67Additional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage0,8 kV  | ECLASS-10.1                        | 27060311      |
| ETIM-5.0EC001855customs tariff number85444290GTIN4048879409957Packaging unit1Electrical data   SupplyOperating voltage AC max.30 VOperating voltage DC max.30 VCurrent operating per contact max.4 ADevice protection   ElectricalDegree of protection (EN IEC 60529)IP65, IP67Additional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage0,8 kV   | ECLASS-11.1                        | 27060311      |
| customs tariff number85444290GTIN4048879409957Packaging unit1Electrical data   SupplyOperating voltage AC max.30 VOperating voltage DC max.30 VCurrent operating per contact max.4 ADevice protection   ElectricalIP65, IP67Additional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage0,8 kV  | ECLASS-12.0                        | 27060311      |
| GTIN4048879409957Packaging unit1Electrical data   SupplyOperating voltage AC max.30 VOperating voltage DC max.30 VCurrent operating per contact max.4 ADevice protection   ElectricalDegree of protection (EN IEC 60529)IP65, IP67Additional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage0,8 kV  | ETIM-5.0                           | EC001855      |
| Packaging unit1Electrical data   SupplyOperating voltage AC max.30 VOperating voltage DC max.30 VCurrent operating per contact max.4 ADevice protection   ElectricalDegree of protection (EN IEC 60529)IP65, IP67Additional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage0,8 kV   | customs tariff number              | 85444290      |
| Electrical data   Supply     Operating voltage AC max.   30 V     Operating voltage DC max.   30 V     Current operating per contact max.   4 A     Device protection   Electrical     Degree of protection (EN IEC 60529)   IP65, IP67     Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   0,8 kV   | GTIN                               | 4048879409957 |
| Operating voltage AC max.30 VOperating voltage DC max.30 VCurrent operating per contact max.4 ADevice protection   ElectricalDegree of protection (EN IEC 60529)IP65, IP67Additional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage0,8 kV  | Packaging unit                     | 1             |
| Operating voltage DC max.   30 V     Current operating per contact max.   4 A     Device protection   Electrical     Degree of protection (EN IEC 60529)   IP65, IP67     Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   0,8 kV   | Electrical data   Supply           |               |
| Current operating per contact max.   4 A     Device protection   Electrical     Degree of protection (EN IEC 60529)   IP65, IP67     Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   0,8 kV  | Operating voltage AC max.          | 30 V          |
| Device protection   Electrical     Degree of protection (EN IEC 60529)   IP65, IP67     Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   0,8 kV   | Operating voltage DC max.          | 30 V          |
| Degree of protection (EN IEC 60529) IP65, IP67   Additional condition protection degree inserted, screwed   Pollution Degree 3   Rated surge voltage 0,8 kV  | Current operating per contact max. | 4 A           |
| Additional condition protection degree inserted, screwed   Pollution Degree 3   Rated surge voltage 0,8 kV   | Device protection   Electrical     |               |
| Pollution Degree 3   Rated surge voltage 0,8 kV  |                                    |               |
| Rated surge voltage 0,8 kV   |                                    |               |
|  |                                    | -             |
| Material group (IEC 60664-1) I   |                                    | 0,8 kV        |
|  | Material group (IEC 60664-1)       | I             |

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## Mechanical data | Material data

| Mechanical data   Material data          |  |
|--|--|
| Coating locking                          | Nickeled   |
| Material housing                         | PUR  |
| ocking material                          | Zinc die-casting   |
| Mechanical data   Mounting data          |  |
| Nounting method                          | inserted, screwed, Shaking protection  |
| Environmental characteristics   Climatic |  |
| Dperating temperature min.               | -25 °C   |
| Dperating temperature max.               | 85 °C  |
| Additional condition temperature range   | depending on cable quality   |
| Important installation notes             |  |
| •  | Durkest the compactance by writeble measures from machanical loads, a sub-the years of achieved  |
| Note on strain relief                    | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Attention:     Observe the permissible bending radii when laying cables, as the IP protection class can be |
| Note on bending radius                   | endangered by excessive bending forces.  |
| Conformity                               |  |
| Product standard                         | DIN EN 61076-2-114 (M8)  |
| Installation   Cable                     |  |
| vire arrangement                         | brown, black, blue, white  |
| Cable identification                     | 201  |
| Cable Type                               | 1  |
| lacket Color                             | gray   |
| Type of Certificate                      | cURus  |
| Amount stranding                         | 1  |
| Stranding                                | 4 wires twisted  |
| Cable shielding (type)                   | copper braid, tinned   |
| Cable shielding (coverage)               | 80 %   |
| Banding                                  | Fleece, Foil   |
| vire arrangement                         | brown, black, blue, white  |
| Cable weigth                             | 58,3 g/m   |
| Material jacket                          | PVC  |
| Shore hardness jacket                    | 85 ± 5 Shore A   |
| Freedom from ingredients (jacket)        | lead-free, cadmium-free, CFC-free, silicone-free   |
| Duter-diameter (jacket)                  | 5,3 mm   |
| Folerance outer diameter (sheath)        | ± 5 %  |
| Material wire insulation                 | PVC  |
| Amount wires                             | 4  |
| Duter diameter insulation                | 1,25 mm  |
| Duter diameter tolerance core insulation | ±5%  |
| Shore hardness wire insulation           | 45 ± 5 Shore D   |
| Naterial properties wire insulation      | good machinability   |
| ngredient freeness wire insulation       | lead-free, cadmium-free, CFC-free, silicone-free   |
| Amount strands (wire)                    | 19   |
| Diameter of single wires                 | 0,15 mm  |
| Conductor crosssection (wire)            | 0,34 mm <sup>2</sup>   |
| Naterial conductor wire                  | Stranded copper wire, bare   |
| Conductor type (wire)                    | Strand class 5   |
| Nominal voltage AC max.                  | 300 V  |
| 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  |
| AC withstand voltage (wire - wire)       | 2 kV @ 60 s  |

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| Power frequency withstand voltage (wire - jacket) | 2 kV @ 60 s  |
|---|--|
| AC withstand voltage (wire - shield)              | 2 kV @ 60 s  |
| Min. operating temperature (static)               | -30 °C   |
| Max. operating temperature (fixed)                | 80 °C  |
| Operating temperature min. (dynamic)              | -5 °C  |
| Operating temperature max. (dynamic)              | 80 °C  |
| Flame resistance                                  | UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090  |
| 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)                            | 10 x Outer diameter                                  |

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