

## Y-Distributor M12 male / M8 female 90° A-cod. LED

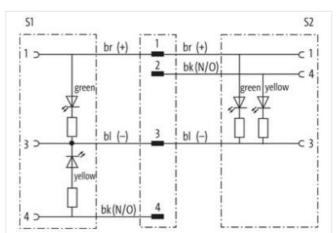
PUR 3x0.25 bk UL/CSA+drag ch. 0.3m

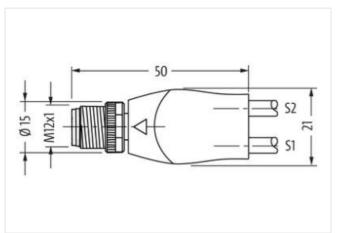
Y-connector M12 – M8, 4/3-pole Male straight – females 90° M12, A-coded LED (yellow/green) Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

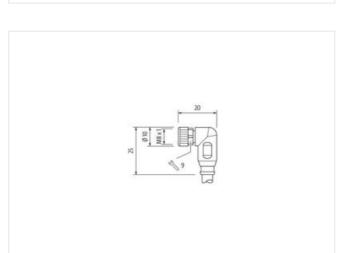
## Link to Product

Illustration



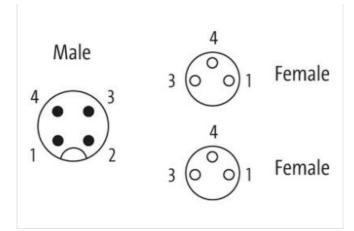






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Product may differ from Image



| Mounting method         inserted, screwed           Coating contact         gold plated           Family construction form         M12           Thread         M12 x 1           suitable for corrugated tube (internal Ø)         10 mm           Material         PUR           No. of poles         4           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP67           Side 2         Tommed           Coating contact         gold plated           Coating contact         gold plated           South Contact         gold plated           Coating contact         gold plated           Family construction form         M8           Material contact         Copper alloy           Material contact         Copper alloy           Material contact         Gold plated           Family construction form         M8           Material contact         Copper alloy           Material contact         Copper alloy           Material contact         Copper alloy           Material contact         Copper alloy           Material contact         Side 3           Muth across flats         SW9           Degree of protec     | Cable length   | 0,3 m             |
|--|--|-------------------|
| Automing method         inserted, screwed           Coating contact         gold plated           Family construction form         M12           Thread         M12 1           suitable for corrugated tube (internal Ø)         10 mm           Material         PUR           No. of poles         4           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP67           Side 2         T           Tightening torque         0,4 Nm           Mounting method         inserted, screwed           Coating contact         gold plated           Family construction form         M8           Thread         M8 × 1           Suitable for corrugated tube (internal Ø)         6,5 mm           Material contact         Copper alloy           Material         PUR           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP67           Side 3         SW9           Degree of protection (EN IEC 60529)         IP67           Side 3         SW9           Degree of protection (EN IEC 60529)         IP67           Side 3         SW9 <td>Side 1</td> <td></td> | Side 1   |                   |
| Coaling contact     gold plated       Family construction form     M12       Thread     M12 x 1       suitable for corrugated tube (internal Ø)     10 mm       Material contact     Copper alloy       Material     PUR       No. of poles     4       Width across flats     SW13       Degree of protection (EN IEC 60529)     IP67       Side 2        Tightening torque     0.4 Nm       Mounting method     inserted, screwed       Coating contact     gold plated       Family construction form     M8       Thread     M8 x 1       suitable for corrugated tube (internal Ø)     6,5 mm       Material     PUR       No. of poles     3       Width across flats     SW9       Degree of protection (EN IEC 60529)     IP67       Side 3     SW9       Sole 3     SW9       Degree of protection (EN IEC 60529)     IP67       Side 3     SW9       Degree of protection form     M8       Sole 3   | Tightening torque                                    | 0,6 Nm            |
| Family construction formM12ThreadM12 x 1suitable for corrugated tube (internal Ø)10 mmMaterial contactCopper alloyMaterialPURNo. of poles4Width across flatsSW13Degree of protection (EN IEC 60529)IP67Side 2Tightening torqueO,4 Nminserted, screwedGoating contactgold platedFamily construction formM8ThreadM8 x 1suitable for corrugated tube (internal Ø)6,5 mmMaterialPURNo. of poles3Width across flatsSW9Degree of protection (EN IEC 60529)IP67Side 3SW9Degree of protection (EN IEC 60529)IP67Side 3SNo. of poles3No. of poles3No. of poles3Side 3SUBDegree 3SUBNo. of poles3No. of poles3No. of poles3No. of poles3Co   | Mounting method                                      | inserted, screwed |
| Thread         M12 x 1           suitable for corrugated tube (internal Ø)         10 mm           Material contact         Copper alloy           Material         PUR           No. of poles         4           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP67           Side 2            Tightening torque         0.4 Nm           Mounting method         inserted, screwed           Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           suitable for corrugated tube (internal Ø)         6.5 mm           Material         PUR           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP67           Side 3         SW9           Degree of protection (EN IEC 60529)         IP67           Side 3         SW9           Degree of protection (EN IEC 60529)         IP67           Side 3         SW9           Degree of protection (EN IEC 60529)         IP67           Side 3         SW9           Degree of protection (EN IEC 60529)         IP67                                | Coating contact                                      | gold plated       |
| suitable for corrugated tube (internal Ø) 10 mm<br>Material contact Copper alloy<br>Material PUR<br>No. of poles 4<br>Width across flats SW13<br>Degree of protection (EN IEC 60529) IP67<br>Side 2<br>Tightening torque 0.4 Nm<br>Mounting method inserted, screwed<br>Coating contact gold plated<br>Family construction form M8<br>Material M8 x 1<br>suitable for corrugated tube (internal Ø) 6.5 mm<br>Material Cottact Copper alloy<br>Material PUR<br>No. of poles 3<br>Width across flats SW9<br>Degree of protection (EN IEC 60529) IP67<br>Side 3<br>Mounting method inserted, screwed<br>Coating contact B0 poles 3<br>Width across flats SW9<br>Degree of protection (EN IEC 60529) IP67<br>Side 3<br>Mounting method inserted, screwed<br>Family construction form M8<br>No. of poles 3<br>SW9<br>Degree of protection (EN IEC 60529) IP67<br>Side 3<br>Mounting method inserted, screwed<br>Family construction form M8<br>No. of poles 3<br>SW9<br>Degree of protection (EN IEC 60529) IP67<br>Side 3<br>Mounting method inserted, screwed<br>Family construction form M8<br>No. of poles 3<br>Commercial data<br>ECLASS-6.0 27279218  | Family construction form                             | M12               |
| MaterialCopper alloyMaterialPURNo. of poles4Width across flatsSW13Degree of protection (EN IEC 60529)IP67Side 2IP67Tightening torque0,4 NmMounting methodinserted, screwedCoating contactgold platedFamily construction formM8ThreadM8 x 1MaterialCopper alloyMaterialCopper alloyMaterialPURNo. of poles3Width across flatsSW9Degree of protection (EN IEC 60529)IP67Side 3IP67MaterialPURNo. of poles3Side 3SW9Degree of protection (EN IEC 60529)IP67Side 3SU9Commercial dataScrewedNo. of poles3No. of poles3Side 3SCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC   | Thread   | M12 x 1           |
| Material         PUR           No. of poles         4           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP67           Side 2            Tightening torque         0,4 Nm           Mounting method         inserted, screwed           Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           suitable for corrugated tube (internal Ø)         6,5 mm           Material         PUR           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP67           Side 3            Mounting method         inserted, screwed           Side 3         SW9           Degree of protection (EN IEC 60529)         IP67           Side 3            Mounting method         inserted, screwed           Family construction form         M8           No. of poles         3           Gide 3            Counting method         inserted, screwed           Family construction form         M8           No. of poles   | suitable for corrugated tube (internal Ø)            | 10 mm             |
| No. of poles     4       Width across flats     SW13       Degree of protection (EN IEC 60529)     IP67       Side 2   | Material contact                                     | Copper alloy      |
| Width across flats         SW13           Degree of protection (EN IEC 60529)         IP67           Side 2         IP67           Tightening torque         0,4 Nm           Mounting method         inserted, screwed           Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           suitable for corrugated tube (internal Ø)         6,5 mm           Material         Copper alloy           Material         PUR           No. of poles         3           Width across flats         SW9           Degree of protection form         M8           Mounting method         inserted, screwed           Family construction form         M8           Material         PUR           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP67           Side 3         Image et al. Screwed           Family construction form         M8           No. of poles         3           Commercial data         ECLASS-6.0   | Material   | PUR               |
| Degree of protection (EN IEC 60529)       IP67         Side 2       Iphening torque       0,4 Nm         Mounting method       inserted, screwed         Coating contact       gold plated         Family construction form       M8         Thread       M8 x 1         suitable for corrugated tube (internal Ø)       6,5 mm         Material contact       Copper alloy         Material       PUR         No. of poles       3         Width across flats       SW9         Degree of protection (EN IEC 60529)       IP67         Side 3       Image: Strewed         Mounting method       inserted, screwed         Family construction form       M8         No. of poles       3         Gorger of protection (EN IEC 60529)       IP67         Side 3       Image: Strewed         Family construction form       M8         No. of poles       3         No. of poles       3         Side 3       Image: Strewed         Family construction form       M8         No. of poles       3         Commercial data       ECLASS-6.0         ECLASS-6.0       27279218  | No. of poles   | 4                 |
| Side 2         Tightening torque       0,4 Nm         Mounting method       inserted, screwed         Coating contact       gold plated         Family construction form       M8         Thread       M8 x 1         suitable for corrugated tube (internal Ø)       6,5 mm         Material contact       Copper alloy         Material contact       Copper alloy         Material       PUR         No. of poles       3         Width across flats       SW9         Degree of protection (EN IEC 60529)       IP67         Side 3       Image: Screwed         Family construction form       M8         No. of poles       3         Mounting method       inserted, screwed         Family construction form       M8         No. of poles       3         Ko. of poles       3         Mounting method       inserted, screwed         Family construction form       M8         No. of poles       3         Commercial data       Z2729218  | Width across flats                                   | SW13              |
| Tightening torque       0.4 Nm         Mounting method       inserted, screwed         Coating contact       gold plated         Family construction form       M8         Thread       M8 x 1         suitable for corrugated tube (internal Ø)       6,5 mm         Material contact       Copper alloy         Material       PUR         No. of poles       3         Width across flats       SW9         Degree of protection (EN IEC 60529)       IP67         Side 3          Mounting method       inserted, screwed         Family construction form       M8         No. of poles       3         Side 3          Conting method       inserted, screwed         Family construction form       M8         No. of poles       3         Viot poles       3         ECLASS-6.0       27279218  | Degree of protection (EN IEC 60529)                  | IP67              |
| Mounting method         inserted, screwed           Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           suitable for corrugated tube (internal Ø)         6,5 mm           Material contact         Copper alloy           Material contact         Copper alloy           Material         PUR           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP67           Side 3            Mounting method         inserted, screwed           Family construction form         M8           No. of poles         3           Commercial data         27279218   | Side 2   |                   |
| Coating contactgold platedFamily construction formM8ThreadM8 × 1suitable for corrugated tube (internal Ø)6,5 mmMaterial contactCopper alloyMaterial contactPURNo. of poles3Width across flatsSW9Degree of protection (EN IEC 60529)IP67Side 3inserted, screwedFamily construction formM8No. of poles3Commercial data27279218   | Tightening torque                                    | 0,4 Nm            |
| Family construction formM8ThreadM8 x 1suitable for corrugated tube (internal Ø)6,5 mmMaterial contactCopper alloyMaterialPURNo. of poles3Width across flatsSW9Degree of protection (EN IEC 60529)IP67Side 3Inserted, screwedFamily construction formM8No. of poles3Commercial data27279218   | Mounting method                                      | inserted, screwed |
| ThreadM8 x 1suitable for corrugated tube (internal Ø)6,5 mmMaterial contactCopper alloyMaterialPURNo. of poles3Width across flatsSW9Degree of protection (EN IEC 60529)IP67Side 3Inserted, screwedFamily construction formM8No. of poles3So of poles2ECLASS-6.027279218  | Coating contact                                      | gold plated       |
| suitable for corrugated tube (internal Ø)6,5 mmMaterial contactCopper alloyMaterialPURNo. of poles3Width across flatsSW9Degree of protection (EN IEC 60529)IP67Side 3Inserted, screwedFamily construction formM8No. of poles3So of poles3ECLASS-6.027279218  | Family construction form                             | M8                |
| Material contactCopper alloyMaterialPURNo. of poles3Width across flatsSW9Degree of protection (EN IEC 60529)IP67Side 3Mounting methodinserted, screwedFamily construction formM8No. of poles3Commercial dataECLASS-6.027279218   | Thread   | M8 x 1            |
| Material     PUR       No. of poles     3       Width across flats     SW9       Degree of protection (EN IEC 60529)     IP67       Side 3     Side 3       Mounting method     inserted, screwed       Family construction form     M8       No. of poles     3       Commercial data     27279218  | suitable for corrugated tube (internal $\emptyset$ ) | 6,5 mm            |
| No. of poles3Width across flatsSW9Degree of protection (EN IEC 60529)IP67Side 3IP67Mounting methodinserted, screwedFamily construction formM8No. of poles3Commercial dataECLASS-6.027279218  | Material contact                                     | Copper alloy      |
| Width across flatsSW9Degree of protection (EN IEC 60529)IP67Side 3Inserted, screwedMounting methodinserted, screwedFamily construction formM8No. of poles3Commercial dataECLASS-6.027279218  | Material   | PUR               |
| Degree of protection (EN IEC 60529)       IP67         Side 3       Inserted, screwed         Mounting method       inserted, screwed         Family construction form       M8         No. of poles       3         Commercial data       27279218  | No. of poles   | 3                 |
| Side 3       Mounting method     inserted, screwed       Family construction form     M8       No. of poles     3       Commercial data       ECLASS-6.0     27279218  | Width across flats                                   | SW9               |
| Mounting method     inserted, screwed       Family construction form     M8       No. of poles     3       Commercial data       ECLASS-6.0     27279218   | Degree of protection (EN IEC 60529)                  | IP67              |
| Family construction form     M8       No. of poles     3       Commercial data     27279218  | Side 3   |                   |
| No. of poles 3<br>Commercial data<br>ECLASS-6.0 27279218   | Mounting method                                      | inserted, screwed |
| Commercial data<br>ECLASS-6.0 27279218   | Family construction form                             | M8                |
| ECLASS-6.0 27279218  | No. of poles   | 3                 |
|  | Commercial data                                      |                   |
| ECLASS-7.0 27279218  | ECLASS-6.0   | 27279218          |
|  | ECLASS-7.0   | 27279218          |

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| ECLASS-8.0   | 27279218   |
|--|--|
| ECLASS-9.0   | 27060311   |
| ECLASS-10.1  | 27060313   |
| ECLASS-11.1  | 27060313   |
| ECLASS-12.0  | 27060313   |
| ETIM-5.0   | EC001855   |
| customs tariff number  | 85444290   |
| GTIN   | 4048879153157  |
| Packaging unit   | 1  |
| Electrical data   Supply   |  |
| Operating voltage DC   | 24 V   |
| Operating voltage DC min.  | 18 V   |
| Operating voltage DC max.  | 30 V   |
| Operating voltage DC max. (UL-listed)  | 30 V   |
| Current operating per contact max.   | 4 A  |
| Current consumption max.   | 5 mA   |
| Diagnostics  |  |
| Status indication LED  | green, yellow  |
| Device protection   Electrical   | ·····  |
|  |  |
| Additional condition protection degree   | inserted, screwed 3  |
| Pollution Degree Rated surge voltage   | 3<br>0.8 kV  |
| Material group (IEC 60664-1)   | U,8 KV   |
|  |  |
| Mechanical data   Material data  |  |
| Coating locking  | Nickeled   |
| Material gasket  | FKM  |
| Locking material   | Zinc die-casting   |
|  |  |
| Mechanical data   Mounting data  |  |
| Mechanical data   Mounting data<br>Mounting method   | inserted, screwed, Shaking protection  |
|  | inserted, screwed, Shaking protection  |
| Mounting method  | inserted, screwed, Shaking protection<br>-25 °C  |
| Mounting method Environmental characteristics   Climatic   |  |
| Mounting method Environmental characteristics   Climatic Operating temperature min.  | -25 °C   |
| Mounting method Environmental characteristics   Climatic Operating temperature min. Operating temperature max.   | -25 °C<br>85 °C  |
| Mounting method Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range  | -25 °C<br>85 °C  |
| Mounting method Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard  | -25 °C<br>85 °C<br>depending on cable quality  |
| Mounting method Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation   Cable   | -25 °C<br>85 °C<br>depending on cable quality<br>DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)   |
| Mounting method Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation   Cable Cable identification  | -25 °C<br>85 °C<br>depending on cable quality<br>DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)<br>630  |
| Mounting method Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation   Cable Cable identification Cable Type   | -25 °C<br>85 °C<br>depending on cable quality<br>DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)<br>630<br>3   |
| Mounting method Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color  | -25 °C<br>85 °C<br>depending on cable quality<br>DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)<br>630<br>3<br>black  |
| Mounting method Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate  | -25 °C<br>85 °C<br>depending on cable quality<br>DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)<br>630<br>3   |
| Mounting method  Environmental characteristics   Climatic  Operating temperature min.  Operating temperature max.  Additional condition temperature range  Conformity  Product standard  Installation   Cable  Cable identification  Cable Type Jacket Color  Type of Certificate  Amount stranding  | -25 °C<br>85 °C<br>depending on cable quality<br>DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)<br>630<br>3<br>black<br>cURus<br>1  |
| Mounting method Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding   | -25 °C<br>85 °C<br>depending on cable quality<br>DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)<br>630<br>630<br>3<br>black<br>CURus<br>1<br>3 wires twisted  |
| Mounting method Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement  | -25 °C<br>85 °C<br>depending on cable quality<br>DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)<br>630<br>630<br>3<br>black<br>cURus<br>1<br>3 wires twisted<br>brown, black, blue  |
| Mounting method Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding   | -25 °C<br>85 °C<br>depending on cable quality<br>DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)<br>630<br>630<br>3<br>black<br>CURus<br>1<br>3 wires twisted  |
| Mounting method  Environmental characteristics   Climatic  Operating temperature min.  Operating temperature max.  Additional condition temperature range  Conformity  Product standard  Installation   Cable  Cable identification  Cable Type Jacket Color  Type of Certificate  Amount stranding  Stranding  wire arrangement No. of bending cycles (C-track)   | -25 °C<br>85 °C<br>depending on cable quality<br>DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)<br>630<br>630<br>3<br>black<br>cURus<br>1<br>3 wires twisted<br>brown, black, blue<br>10 Mio. @ 25 °C   |
| Mounting method  Environmental characteristics   Climatic  Operating temperature min.  Operating temperature max.  Additional condition temperature range  Conformity  Product standard  Installation   Cable  Cable identification  Cable Type Jacket Color  Type of Certificate  Amount stranding  Stranding wire arrangement No. of bending cycles (C-track)  Cable weigth Material jacket  | -25 °C<br>85 °C<br>depending on cable quality<br>DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)<br>630<br>3<br>black<br>cURus<br>1<br>3 wires twisted<br>brown, black, blue<br>10 Mio. @ 25 °C<br>26,4 g/m  |
| Mounting method Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket   | -25 °C<br>85 °C<br>depending on cable quality<br>DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)<br>630<br>3<br>black<br>cURus<br>1<br>3 wires twisted<br>brown, black, blue<br>10 Mio. @ 25 °C<br>26,4 g/m<br>PUR<br>90 ± 5 Shore A   |
| Mounting method Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)                         | -25 °C<br>85 °C<br>depending on cable quality<br>DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)<br>630<br>630<br>3<br>black<br>cURus<br>1<br>3 wires twisted<br>brown, black, blue<br>10 Mio. @ 25 °C<br>26,4 g/m<br>PUR  |
| Mounting method Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket   | -25 °C<br>85 °C<br>depending on cable quality<br>DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)<br>630<br>3<br>black<br>cURus<br>1<br>3 wires twisted<br>brown, black, blue<br>10 Mio. @ 25 °C<br>26,4 g/m<br>PUR<br>90 ± 5 Shore A<br>lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           |
| Mounting method Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) | -25 °C<br>85 °C<br>depending on cable quality<br>DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)<br>630<br>3<br>black<br>cURus<br>1<br>3 wires twisted<br>brown, black, blue<br>10 Mio. @ 25 °C<br>26,4 g/m<br>PUR<br>90 ± 5 Shore A<br>lead-free, cadmium-free, CFC-free, halogen-free, silicone-free<br>4,1 mm |

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| Amount wires  | 3  |
|---|--|
| Outer diameter insulation                               | 1,25 mm  |
| Outer diameter tolerance core insulation                | ±5%  |
| Shore hardness wire insulation                          | 70 ± 5 Shore D   |
| Ingredient freeness wire insulation                     | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Amount strands (wire)                                   | 32   |
| Diameter of single wires                                | 0,1 mm   |
| Conductor crosssection (wire)                           | 0,25 mm <sup>2</sup>   |
| Material conductor wire                                 | Stranded copper wire, bare                                     |
| Conductor type (wire)                                   | strand class 6   |
| Traversing distance (C-track)                           | 10 m @ 25 °C   horizontal                                      |
| Current load capacity (standard)                        | to DIN VDE 0298-4  |
| Current load capacity min. wire                         | 4,5 A  |
| Electrical resistance line constant wire                | 79 Ω/km @ 20 °C  |
| Nominal voltage power AC max.                           | 300 V  |
| Power frequency withstand voltage power (wire - jacket) | 2,5 kV @ 60 s  |
| AC withstand voltage power (wire - wire)                | 2,5 kV @ 60 s  |
| Min. operating temperature (static)                     | -40 °C   |
| Max. operating temperature (fixed)                      | 80 °C / 90 °C @ 10000 h Operation                              |
| Operating temperature min. (dynamic)                    | -25 °C   |
| Operating temperature max. (dynamic)                    | 80 °C / 90 °C @ 10000 h Operation                              |
| UV resistance   | DIN EN ISO 4892-2 A  |
| Flame resistance  | UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2            |
| chemical resistance                                     | Good, application-related testing                              |
| Gasoline resistance                                     | Good, application-related testing                              |
| Oil resistance  | Good, application-related testing   DIN EN 60811-404           |
| Bending radius (fixed)                                  | 5 x Outer diameter   |
| Bending radius (dynamic)                                | 10 x Outer diameter  |
| No. of torsion cycles                                   | 2 Mio.   |
| Torsion speed   | 35 cycles/min  |
| Torsion stress  | ± 180 °/m  |

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