

## Y-Distributor M12 male / M8 female 0° A-cod.

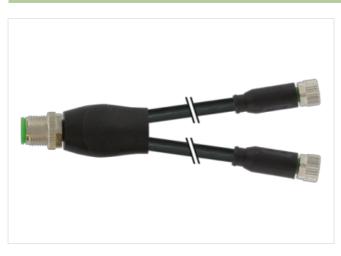
PUR 3x0.25 bk UL/CSA 4m

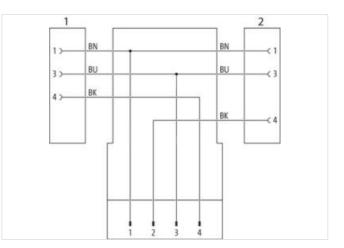
## ⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

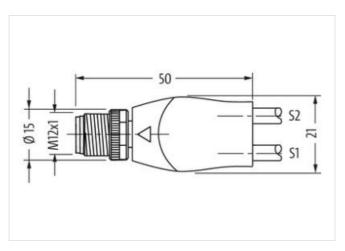
Y-connector M12 – M8, 4/3-pole Male straight – females straight M12, A-coded Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further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

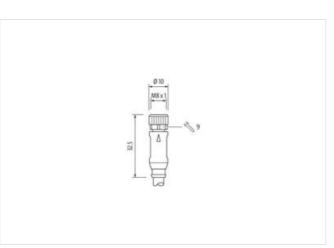
## Link to Product

Illustration

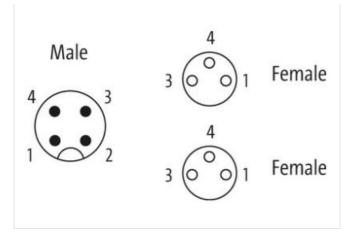












Product may differ from Image



| Cable length                              | 4 m               |
|---|-------------------|
| Side 1                                    |                   |
| Tightening torque                         | 0,6 Nm            |
| Mounting method                           | inserted, screwed |
| Coating contact                           | gold plated       |
| Family construction form                  | M12               |
| Thread                                    | M12 x 1           |
| suitable for corrugated tube (internal Ø) | 10 mm             |
| Coding                                    | A                 |
| Material contact                          | Copper alloy      |
| Material                                  | PUR               |
| No. of poles                              | 4                 |
| Width across flats                        | SW13              |
| Degree of protection (EN IEC 60529)       | IP65, IP66K, IP67 |
| Side 2                                    |                   |
| 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            |
| Coding                                    | A                 |
| Material contact                          | Copper alloy      |
| Material                                  | PUR               |
| No. of poles                              | 3                 |
| Width across flats                        | SW9               |
| Degree of protection (EN IEC 60529)       | IP65, IP66K, IP67 |
| Side 3                                    |                   |
| Mounting method                           | inserted, screwed |
| Family construction form                  | M8                |
| Coding                                    | A                 |
| No. of poles                              | 3                 |

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stay connected

| Commercial data                          |  |
|--|--|
| CLASS-6.0                                | 27279218   |
| CLASS-6.1                                | 27279218   |
| CLASS-7.0                                | 27279218   |
| CLASS-8.0                                | 27279218   |
| CLASS-9.0                                | 27060313   |
| CLASS-10.1                               | 27060313   |
| CLASS-11.1                               | 27060313   |
| CLASS-12.0                               | 27060313   |
| TIM-5.0                                  | EC001855   |
| ustoms tariff number                     | 85444290   |
| GTIN                                     | 4048879309400  |
| ackaging unit                            | 1  |
| Electrical data   Supply                 |  |
| Operating voltage AC max.                | 50 V   |
| Dperating voltage DC max.                | 60 V   |
| Operating voltage AC (UL-listed)         | 30 V   |
| Operating voltage DC (UL-listed)         | 30 V   |
| Current operating per contact max.       | 4 A  |
| Diagnostics                              |  |
| Status indication LED                    | no   |
| Device protection   Electrical           |  |
| dditional condition protection degree    | inserted, screwed  |
| ollution Degree                          | 3  |
| ated surge voltage                       | 1,5 kV   |
| faterial group (IEC 60664-1)             |  |
| Mechanical data   Material data          |  |
| ·  | Nickeled   |
| oating locking<br>laterial gasket        | FKM  |
| ocking material                          | Zinc die-casting   |
|  |  |
| Mechanical data   Mounting data          |  |
| Nounting method                          | inserted, screwed, Shaking protection  |
| Environmental characteristics   Climatic |  |
| perating temperature min.                | -25 °C   |
| perating temperature max.                | 85 °C  |
| dditional condition temperature range    | depending on cable quality   |
| mportant installation notes              |  |
| ote on strain relief                     | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  |
| ote 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                               |  |
| roduct standard                          | DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  |
| Installation   Cable                     |  |
| able identification                      | 620  |
| able Type                                | 2  |
| acket Color                              | black  |
| ype of Certificate                       | cURus  |
| mount stranding                          | 1  |
| Stranding                                | 3 wires twisted  |
|  |  |
| vire arrangement                         | brown, black, blue   |

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| Cable weigth                                      | 26,62 g/m  |
|---|--|
| Material jacket                                   | PUR  |
| Shore hardness jacket                             | 85 ± 5 Shore A                                       |
| Freedom from ingredients (jacket)                 | lead-free, cadmium-free, CFC-free, silicone-free     |
| Outer-diameter (jacket)                           | 4,3 mm   |
| Tolerance outer diameter (sheath)                 | ±5%  |
| Material wire insulation                          | PVC  |
| Amount wires                                      | 3  |
| Outer diameter insulation                         | 1,25 mm  |
| Outer diameter tolerance core insulation          | ±5%  |
| Shore hardness wire insulation                    | 43 ± 5 Shore D                                       |
| Material properties wire insulation               | good machinability                                   |
| Ingredient freeness wire insulation               | lead-free, cadmium-free, CFC-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                                       |
| Nominal voltage AC max.                           | 300 V  |
| 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                                      |
| AC withstand voltage (wire - wire)                | 2 kV @ 60 s  |
| Power frequency withstand voltage (wire - jacket) | 2 kV @ 60 s  |
| Min. operating temperature (static)               | -30 °C   |
| Max. operating temperature (fixed)                | 0° 08  |
| Operating temperature min. (dynamic)              | -5 °C  |
| Operating temperature max. (dynamic)              | 0° 08  |
| UV resistance                                     | DIN EN ISO 4892-2 A                                  |
| Flame resistance                                  | IEC 60332-2-2   UL 1581 § 1100 FT2   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                                  |
| Bending radius (dynamic)                          | 15 x Outer diameter                                  |
| Travel speed (C-track)                            | 2 Mio. @ 25 °C                                       |

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