

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

PVC 3x0.34 bk UL/CSA 0.3m

Y-connector M12 – M12, 4-pole Male straight – females straight bridged

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

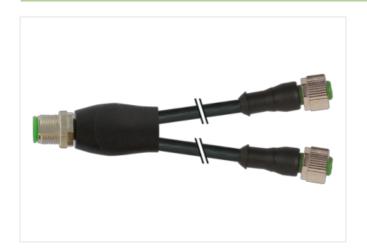
Plastic housings with good resistance against chemicals and oils.

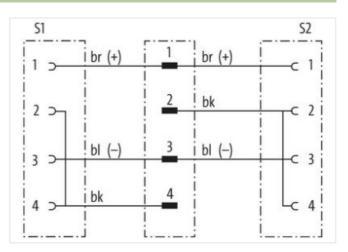
The resistance to aggressive media should be individually tested for your application. Further details on request.

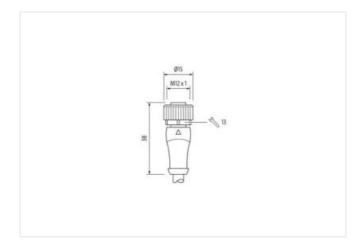
Further cable lengths on request.

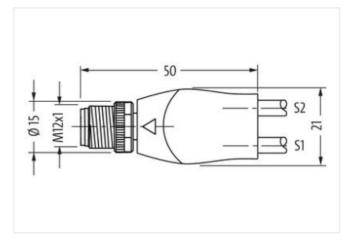
## **Link to Product**

## Illustration

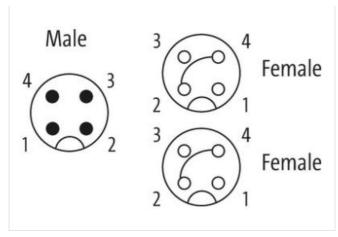












Product may differ from Image





| Family construction form         M12           Thread         M12 x 1           suitable for corrugated tube (internal Ø)         10 mm           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2           Tightening torque         0,6 Nm           Mounting method         inserted, screwed           Family construction form         M12           Thread         M12 x 1           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3         SW13           Coding         A           Coding         A           Coding         A           Coding         A           Coding         A           ECLASS-6.0         27279218 <t< th=""><th>Cable length</th><th>0,3 m</th></t<> | Cable length                              | 0,3 m             |
|---|---|-------------------|
| Mounting method         inserted, screwed           Family construction form         M12           Thread         M12 x 1           Suitable for corrugated tube (internal Ø)         10 mm           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2         ************************************   | Side 1                                    |                   |
| Family construction form         M12           Thread         M12 x 1           suitable for corrugated tube (internal Ø)         10 mm           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2           Tightening torque           Mounting method         inserted, screwed           Family construction form         M12           Thread         M12 x 1           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3           Side 3           Side 3           Coding           A           Coding           Beging a protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3           Coding           A           Coding           A           Coding           Coding   | Tightening torque                         | 0,6 Nm            |
| Thread         M12 x 1           suitable for corrugated tube (internal Ø)         10 mm           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2           Tightening torque           Mounting method         inserted, screwed           Family construction form         M12           Thread         M12 x 1           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3           Family construction form         M12           Coding         A           CLASS-6.0         27279218           CCLASS-7.0         272792  | Mounting method                           | inserted, screwed |
| suitable for corrugated tube (internal Ø)         10 mm           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2           Tightening torque           Mounting method         inserted, screwed           Family construction form         M12           Thread         M12 x 1           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3           Family construction form         M12           Coding         A           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060313           ECLASS-12.0         27060313   | Family construction form                  | M12               |
| Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2           Tightening torque         0,6 Nm           Mounting method         inserted, screwed           Family construction form         M12           Thread         M12 x 1           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3           Family construction form         M12           Coding         A           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060313           ECLASS-12.0         27060313  | Thread                                    | M12 x 1           |
| Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2         Tightening torque         0,6 Nm           Mounting method         inserted, screwed           Family construction form         M12           Thread         M12 x 1           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3         Family construction form         M12           Coding         A           Coding         A           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-9.0         2760311           ECLASS-10.1         27060313           ECLASS-11.1         27060313           ECLASS-12.0         27060313  | suitable for corrugated tube (internal Ø) | 10 mm             |
| Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2         Protection (EN IEC 60529)           Tightening torque         0,6 Nm           Mounting method         inserted, screwed           Family construction form         M12           Thread         M12 x 1           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3         Family construction form         M12           Coding         A           Coding         A           Coding         A           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27060313           ECLASS-10.1         27060313           ECLASS-12.0         27060313           ECLASS-12.0         27060313   | Coding                                    | A                 |
| Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2         Tightening torque         0,6 Nm           Mounting method         inserted, screwed           Family construction form         M12           Thread         M12 x 1           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3         Simply construction form           M12         M12           Coding         A           Commercial data         ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060313           ECLASS-11.1         27060313           ECLASS-12.0         27060313  |   |                   |
| Side 2           Tightening torque         0,6 Nm           Mounting method         inserted, screwed           Family construction form         M12           Thread         M12 x 1           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3           Family construction form         M12           Coding         A           Commercial data         ECLASS-6.0           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-11.1         27060313           ECLASS-12.0         27060313   |   |                   |
| Tightening torque 0,6 Nm  Mounting method inserted, screwed  Family construction form M12  Thread M12 x 1  Coding A  Material PUR  Width across flats SW13  Degree of protection (EN IEC 60529) IP65, IP66K, IP67  Side 3  Family construction form M12  Coding A  Commercial data  ECLASS-6.0 27279218  ECLASS-7.0 27279218  ECLASS-9.0 27060313  ECLASS-11.1 27060313  ECLASS-12.0 27060313   | Degree of protection (EN IEC 60529)       | IP65, IP66K, IP67 |
| Mounting method         inserted, screwed           Family construction form         M12           Thread         M12 x 1           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3           Family construction form         M12           Coding         A           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060313           ECLASS-11.1         27060313           ECLASS-12.0         27060313   | Side 2                                    |                   |
| Family construction form         M12           Thread         M12 x 1           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3           Family construction form         M12           Coding         A           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060313           ECLASS-11.1         27060313           ECLASS-12.0         27060313   | Tightening torque                         | 0,6 Nm            |
| Thread         M12 x 1           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3           Family construction form         M12           Coding         A           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060313           ECLASS-11.1         27060313           ECLASS-12.0         27060313  | Mounting method                           | inserted, screwed |
| Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3           Family construction form         M12           Coding         A           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060313           ECLASS-11.1         27060313           ECLASS-12.0         27060313   | Family construction form                  | M12               |
| Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3           Family construction form         M12           Coding         A           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060313           ECLASS-11.1         27060313           ECLASS-12.0         27060313  | Thread                                    | M12 x 1           |
| Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3           Family construction form         M12           Coding         A           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060313           ECLASS-11.1         27060313           ECLASS-12.0         27060313   | Coding                                    | A                 |
| Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 3         Family construction form         M12           Coding         A           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060313           ECLASS-11.1         27060313           ECLASS-12.0         27060313   | Material                                  | PUR               |
| Side 3           Family construction form         M12           Coding         A           ECLASS-6.0           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060313           ECLASS-11.1         27060313           ECLASS-12.0         27060313  | Width across flats                        | SW13              |
| Family construction form M12  Coding A  Commercial data  ECLASS-6.0 27279218  ECLASS-7.0 27279218  ECLASS-8.0 27279218  ECLASS-9.0 27060311  ECLASS-10.1 27060313  ECLASS-11.1 27060313  ECLASS-12.0 27060313   | Degree of protection (EN IEC 60529)       | IP65, IP66K, IP67 |
| Coding     A       Commercial data       ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060311       ECLASS-10.1     27060313       ECLASS-11.1     27060313       ECLASS-12.0     27060313   | Side 3                                    |                   |
| Commercial data       ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060311       ECLASS-10.1     27060313       ECLASS-11.1     27060313       ECLASS-12.0     27060313  | Family construction form                  | M12               |
| ECLASS-6.0 27279218  ECLASS-7.0 27279218  ECLASS-8.0 27279218  ECLASS-9.0 27060311  ECLASS-10.1 27060313  ECLASS-11.1 27060313  ECLASS-12.0 27060313  | Coding                                    | A                 |
| ECLASS-7.0 27279218  ECLASS-8.0 27279218  ECLASS-9.0 27060311  ECLASS-10.1 27060313  ECLASS-11.1 27060313  ECLASS-12.0 27060313   | Commercial data                           |                   |
| ECLASS-8.0 27279218  ECLASS-9.0 27060311  ECLASS-10.1 27060313  ECLASS-11.1 27060313  ECLASS-12.0 27060313  | ECLASS-6.0                                | 27279218          |
| ECLASS-9.0       27060311         ECLASS-10.1       27060313         ECLASS-11.1       27060313         ECLASS-12.0       27060313  | ECLASS-7.0                                | 27279218          |
| ECLASS-10.1       27060313         ECLASS-11.1       27060313         ECLASS-12.0       27060313  | ECLASS-8.0                                | 27279218          |
| ECLASS-11.1 27060313<br>ECLASS-12.0 27060313  | ECLASS-9.0                                | 27060311          |
| ECLASS-12.0 27060313  | ECLASS-10.1                               | 27060313          |
|   | ECLASS-11.1                               | 27060313          |
| ETIM-5.0 EC001855   | ECLASS-12.0                               | 27060313          |
|   | ETIM-5.0                                  | EC001855          |

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| customs tariff number                    | 85444290   |
|--|--|
| GTIN                                     | 4048879157001  |
| Packaging unit                           | 1  |
| Electrical data   Supply                 |  |
| ,  |  |
| Operating voltage AC max.                | 250 V  |
| Operating voltage DC max.                | 250 V  |
| Operating voltage AC (UL-listed)         | 30 V   |
| Operating voltage DC (UL-listed)         | 30 V   |
| Current operating per contact max.       | 4 A  |
| Installation   Connection                |  |
| Mounting set                             | M12 x 1  |
| Device protection   Electrical           |  |
| 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          |  |
| Coating locking                          | Nickeled   |
| Coating of fitting                       | nickel plated  |
| Material gasket                          | FKM  |
| Locking material                         | Zinc die-casting   |
| Material screw connection                | Zinc die-casting   |
| Mechanical data   Mounting data          |  |
| Mounting method                          | inserted, screwed, Shaking protection  |
| Environmental characteristics   Climatic | ;  |
| Operating temperature min.               | -25 °C   |
| Operating temperature max.               | 85 °C  |
| Additional condition temperature range   | depending on cable quality   |
| Important installation notes             |  |
| Note on strain relief                    | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  |
| Note on bending radius                   | Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |
| Conformity                               |  |
| Product standard                         | DIN EN 61076-2-101 (M12)   |
| Installation   Cable                     |  |
|  | 040  |
| Cable identification                     | 613  |
| Cable Type                               | 1<br>block   |
| Jacket Color                             | black  |
| Type of Certificate                      | cURus<br>1   |
| Amount stranding Stranding               | 3 wires twisted  |
| Stranding wire arrangement               | brown, black, blue   |
| Cable weigth                             | 34,1 g/m   |
| Material jacket                          | PVC  |
| Shore hardness jacket                    | 85 ± 5 Shore A   |
| Freedom from ingredients (jacket)        | lead-free, cadmium-free, CFC-free, silicone-free   |
| Outer-diameter (jacket)                  | 4,6 mm   |
| Tolerance outer diameter (sheath)        | ±5%  |
| Material wire insulation                 | PVC  |
| Amount wires                             | 3  |
| Outer diameter insulation                | 1,25 mm  |
| Cator diamotor insulation                | 1,00   |

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| Outer diameter tolerance core insulation          | ± 5 %  |
|---|--|
| Shore hardness wire insulation                    | 45 ± 5 Shore D                                       |
| Material properties wire insulation               | good machinability                                   |
| Ingredient 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>                                 |
| Material 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                   | 6 A  |
| Electrical resistance line constant wire          | 57 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)                | 80 °C  |
| Operating temperature min. (dynamic)              | -5 ℃   |
| Operating temperature max. (dynamic)              | 80 °C  |
| 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                                    | Good, application-related testing   DIN EN 60811-404 |
| Bending radius (fixed)                            | 5 x Outer diameter                                   |
| Bending radius (dynamic)                          | 10 x Outer diameter                                  |