

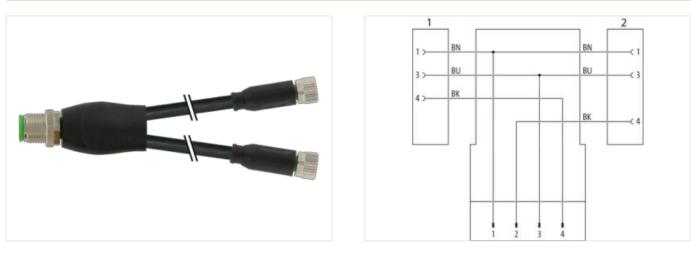
## Y-Distributor M12 male / M8 female 0° A-cod.

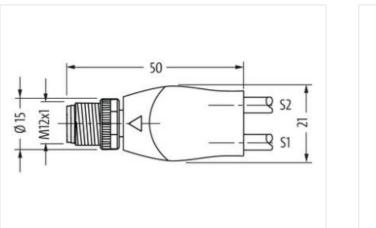
PUR 3x0.25 bk UL/CSA+drag ch. 2m

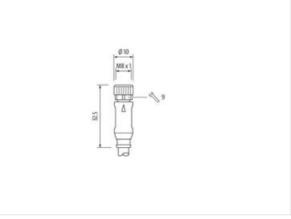
Y-connector M12 – M8, 4/3-pole Male straight – females straight M12, A-coded Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further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

## Link to Product

Illustration

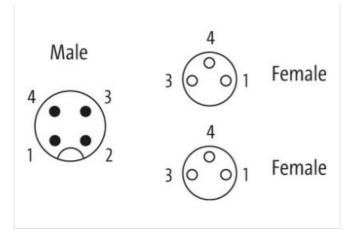






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Product may differ from Image



Cable length	2 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 $\emptyset$ )	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 $\emptyset$ )	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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Commercial data       ECLASS 6.0     27273218       ECLASS 7.0     27060313       ECLASS 7.0     27060313       ECLASS 7.0     27060313       ECLASS 7.0     EC001855       customs tariff number     85444290       GTIN     404879154178       Packaging unit     1       Electrical datal Supply     Coperating voltage AC max.       Operating voltage AC max.     50 V       Operating voltage AC max.     60 V       Operating voltage AC max.     60 V       Operating voltage AC max.     4 A       Dispersitive     30 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     1       Dispositive     Status indication LED     no       Device protection   Electrical     A	
ECLASS-6.1     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060313       ECLASS-1.1     1       Electrical     Status       Operating voltage DC max.     50 V       Operating voltage DC (UL-listed)	
ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060313       ECLASS-10.1     27060313       ECLASS-11.1     27060313       ECLASS-12.0     27060313       ECLASS-12.0     27060313       ECLASS-12.0     27060313       ECLASS-12.0     27060313       ETM-5.0     ECOURSS-       customs tariff number     85444290       GTIN     4048879154178       Packaging unit     1 <b>Electrical data   Supply</b> Operating voltage AC max.     50 V       Operating voltage AC max.     60 V       Operating voltage AC (UL-listed)     30 V       Current operating per contact max.     4 A <b>Diagostics</b> Status indication LED       Status indication LED     no       Device protection   Electrical     Additional condition protection degree       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Material gasket     FKM       Locking material     Zinc die-casting </td <td></td>	
ECLASS-8.0     27279218       ECLASS-9.0     27060313       ECLASS-10.1     27060313       ECLASS-11.1     27060313       ECLASS-12.0     27060313       ECLASS-12.0     27060313       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     404879154178       Packaging unit     1       Electrical data   Supply     Operating voltage AC max.       Operating voltage AC max.     50 V       Operating voltage AC (UL-listed)     30 V       Current operating per contact max.     40 A       Diagnostics     Joint A       Status indication LED     no       Device protection   Electrical     Additional condition protection degree       Additional condition protection degree     1.5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Coating looking       Material gasket     FKM       Locking material     Zinc die-casting       Mechanical data   Mounting data     Korewed, Shaking protection	
ECLASS-9.0     27060313       ECLASS-10.1     27060313       ECLASS-11.1     27060313       ECLASS-12.0     27060313       Ectasts-12.0     ECo01855       customs tariff number     85444290       GTN     4048879154178       Packaging unit     1       Electrical data   Supply     50 V       Operating voltage AC (UL-listed)     30 V       Current operating voltage CD (UL-listed)     30 V       Diagnostics     Estatus indication LED       Status indication LED	
ECLASS-10.1     27060313       ECLASS-11.1     27060313       ECLASS-12.0     27060313       ETIM-5.0     ECON1855       customs tariff number     85444290       GTIN     4048879154178       Packaging unit     1       Electrical data   Supply     0       Operating voltage AC max.     50 V       Operating voltage DC max.     60 V       Operating voltage DC max.     60 V       Operating voltage DC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Diagnostics     51       Status indication LED     no       Device protection   Electrical     Additional condition protection degree       Addition Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Coating locking       Coating locking     Nickeled       Material gasket     FKM       Locking material     Zinc die-casting       Mechanical data   Mounting data     Nounti	
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ECLASS-12.0   27060313     ETIM-5.0   EC001855     customs tariff number   85444290     GTIN   4048879154178     Packaging unit   1     Electrical data   Supply   0     Operating voltage AC max.   50 V     Operating voltage AC 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     Status indication LED   no     Device protection   Electrical   Additional condition protecton degree     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   Coating locking     Coating locking   Nickeled     Material gasket   FKM     Locking material   Zinc die-casting     Mechanical data   Mounting data   Mounting method	
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Mechanical data   Material data     Coating locking   Nickeled     Material gasket   FKM     Locking material   Zinc die-casting     Mechanical data   Mounting data   Mounting method     Mounting method   inserted, screwed, Shaking protection	
Coating locking Nickeled   Material gasket FKM   Locking material Zinc die-casting   Mechanical data   Mounting data Strewed, Shaking protection	
Material gasket FKM   Locking material Zinc die-casting   Mechanical data   Mounting data Mounting method   Mounting method inserted, screwed, Shaking protection	
Locking material Zinc die-casting   Mechanical data   Mounting data Inserted, screwed, Shaking protection	
Mechanical data   Mounting data   Mounting method inserted, screwed, Shaking protection	
Mounting method inserted, screwed, Shaking protection	
Environmental characteristics   Climatic	
Operating temperature min25 °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 endangered by excessive bending forces.	Э
Conformity	
Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)	
Installation   Cable	
Cable identification 630	
Cable Type 3	
Jacket Color black	
Type of Certificate cURus	
Amount stranding 1 Stranding 2 wires twisted	
Stranding 3 wires twisted	
wire arrangement brown, black, blue   Traversing distance (C-track) 10 m @ 25 °C   horizontal	
Traversing distance (C-track) 10 m @ 25 °C   horizontal	

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Cable weigth	26,4 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	4,1 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
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
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)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	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
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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