

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

PUR 3x0.25 gy UL/CSA 2m

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

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

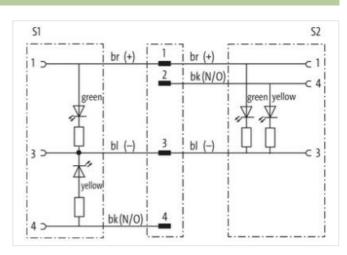
Plastic housings with good resistance against chemicals and oils.

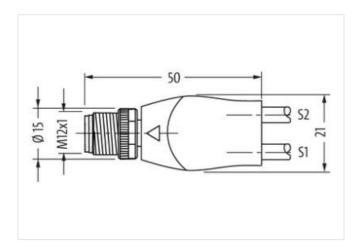
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

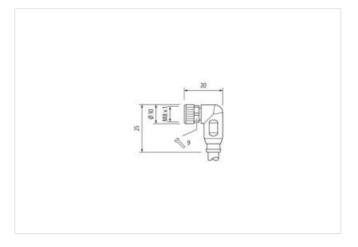
## **Link to Product**

## Illustration

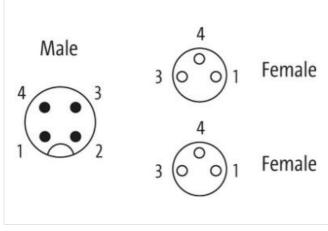












Product may differ from Image





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 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 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	
ECLASS-6.0	27279218
ECLASS-6.1	27279218



stay connected

ECLASS 8.0         27279218           ECLASS 9.0         27060313           ECLASS 10.1         27060313           ECLASS 11.1         27060313           ECLASS 12.0         27060313           ETIM 5.0         EC001895           customs surff number         85444280           GTIN         4048879153300           Packaging unit         1           Electrical data   Supply         V           Operating voltage DC min.         18 V           Operating voltage DC max. (UL-listed)         30 V           Operating voltage DC max. (UL-listed)         30 V           Current coperating per contact max.         4 A           Polyrea protection   Electrical         Activation of the per service per service per per service pe	ECLASS-7.0	27279218
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Current operating per contact max. 5 mA  Diagnostics  Status indication LED green, yellow  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 0,8 kV  Material group (IEC 60664+1) I  Mechanical data   Material data  Coating locking Nickeled  Material group (IEC 60664+1) I  Mechanical data   Material data  Coating locking Nickeled  Material group (IEC 60664+1) I  Mechanical data   Material data  Coating locking Nickeled  Material group (IEC 60664+1) I  Mechanical data   Material data  Coating locking Nickeled  Material group (IEC 60664+1) I  Mechanical data   Material data  Coating locking Nickeled  Material group (IEC 60664+1) I  Mechanical data   Material data  Coating locking Nickeled  Material group (IEC 60664+1) I  Mechanical data   Mounting data  Mechanical data		
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Diagnostics           Status indication LED         green, yellow           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0.8 kV           Material group (IEC 60664-1)         1           Mechanical datal Material data         Mickeled           Material gasket         FKM           Locking material         Mickeled           Mechanical datal Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Coperating temperature min.         25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on eable quality           Important installation notes         Very Control of the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on brain 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         brown, black, blue           C		4 A
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Coating locking         Nickeled           Material gasket         FKM           Locking material         Zinc die-casting           Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Cimate of Company (Company)           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), DIN EN 61076-2-114 (M8)           Installation   Cable wive arrangement         brown, black, blue           Cable identification         220           Cable identification         220           Cable (Type)         2           Jacket Color         gray           Type of Certificate         c.URus           Amount stranding         1           Stranding         3 wires twisted	Mechanical data   Material data	
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Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  Installation   Cable  wire arrangement brown, black, blue  Cable identification 220  Cable Type 2  Jacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weigth 26,62 g/m	Note on bending radius	
Product standard DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  Installation   Cable  wire arrangement brown, black, blue  Cable identification 220  Cable Type 2  Jacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weigth 26,62 g/m	Conformity	
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Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Cable weigth     26,62 g/m		
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Cable weigth 26,62 g/m		
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	Material Jacket	



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)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
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
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Travel speed (C-track)	3,3 m/s @ 25 °C