

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

PVC 3x0.34 bk UL/CSA 2m

Y-connector M12 – M12, 4/3-pole Male straight – females 90° A-coded

LED (yellow/green)

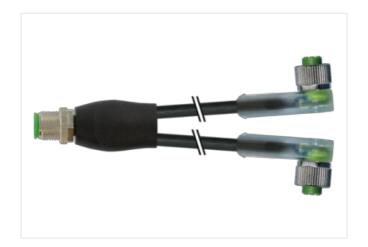
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

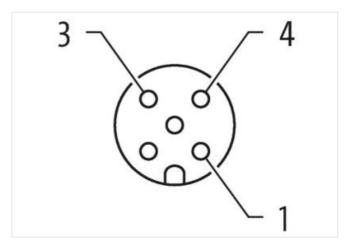
Plastic housings with good resistance against chemicals and oils.

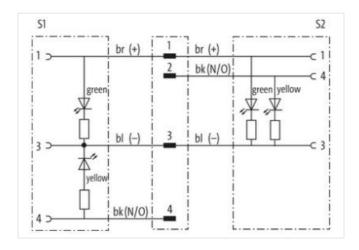
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

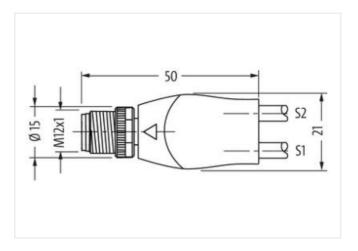
## **Link to Product**

## Illustration





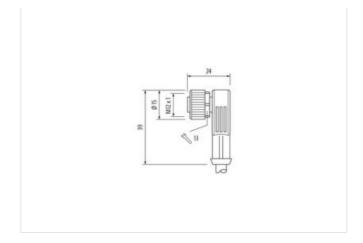






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Product may differ from Image





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 Ø)	10 mm
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	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Material contact	Copper alloy
Material	PUR
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 3	
Mounting method	inserted, screwed
Family construction form	M12
No. of poles	3
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218



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ECLASS 0.0         27600313           ECLASS 1.1.1         27600313           ECLASS 1.1.2         27600313           ECLASS 1.2.0         E00185.5           CALASS 1.2.0         E00185.6           COLASS 1.2.0         E00185.6           COLASS 1.2.0         E04480.0           GTM         4448079155374           Paccepting unit         1           Electrical datal Suppy         V           Operating voltage DC mc         18 V           Operating voltage DC mc         18 V           Operating voltage DC mc         18 V           Operating voltage DC mcx. (UL folted)         30 V           Operating voltage DC mcx. (U. folted)         30 V           Device protection Exercises         4 A           Current coparating per orection Exercises         M12 x 1           Device protection Exercises         M12 x 1           Device protection Exercises         M12 x 1		
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ECALSS 12.0         27000313           Claustons farilf number         85444250           GTIN         404873155274           Packaging unt         1           Becifical data   Supply           Operating voltage DC min.         18 V           Operating voltage DC min.         18 V           Operating voltage DC min.         30 V           Operating voltage DC min.         30 V           Current operating per contact max.         4 A           Diagnostics         5 mA           Diagnostics         5 mA           Mounting sol.         M12 x 1           Device protection   Electrical         Additional condition protection degree           Additional condition protection degree         3 Race along voltage           Pollution Degree         3           Raced agree voltage         0,8 kV           Macerial protection   Electrical         Nokeled           Coating bothing         Nikeled           Coating bothing         Nikeled           Coating bothing         Nikeled           Material prower pro		
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Diagnostics		30 V
Diagnostics   Status indication LED   green, yellow		4 A
Status indication LED green, yellow  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 0,8 k/V  Material group (166 666641) 1  Mechanical data   Material data  Coating of lifting nicket platted  Material group (166 666441) 2  Coating of lifting nicket platted  Material group (166 666441) 3  Locking material Nicket platted  Material screw connection Zinc dis-casting  Material screw connection Zinc dis-casting  Material screw connection Zinc dis-casting  Material screw connection Since dis-casting  Material screw connection Zinc dis-casting  Material connection Zinc dis-casting  Material screw connection Zinc dis-casting  Material	Current consumption max.	5 mA
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Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 0,8 kV  Material group (IEG 60664-1) I  Mechanical data   Material data  Coating locking nickel plated  Material gasket FKM  Locking material Zinc die-casting  Methanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Poperating temperature min25 °C  Operating temperature min25 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical dads, e.g., by the usage of cable ties.  Attention: Observe the permissible bending radiu when laying cables, as the IP protection class can be endangered by excessive bending forces.  Cateditional Cable  Cable identification 613  Cable Inperature	Status indication LED	green, yellow
Device protection   Electrical	Installation   Connection	
Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 0,8 kV  Material group (IEC 80684-1) 1  Mechanical data   Material data  Coating locking Nickeled  Coating locking 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 min25 °C  Operating temperature min25 °C  Operating 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.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Contormity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable   Cable Type   1 Jacket Color black Type Of Certificate cluRus Amount stranding 1 Sivanding 3 wires twisted wire arrangement brown, black, blue	Mounting set	M12 x 1
Pollution Degree 3 Rated surge voltage 0.8 kV  Material group (IEC 60664-1) I  Coating locking Nickeled  Coating lotking nickel plated  Material gasket FKM  Locking material Zinc die-casting  Material grew connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Environmental characteristics   Climatic  Coperating 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  Cable Type 1  Jacket Color black  Type of Certificate cURus  Amount stranding 1  Stranding 3 sivies twisted  wire arrangement brown, black, blue	Device protection   Electrical	
Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         I           Mechanical data   Meterial data         Mechanical data   Meterial data           Coating of litting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material sorew connection         Zinc die-casting           Mechanical data   Mounting data         Mechanical data   Mounting method           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         C           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 strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on strain relief         D	Additional condition protection degree	inserted, screwed
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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         Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature man.           Operating temperature man.         -25 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Important installation notes           Note on stain 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         Cable identification         613           Cable Type         1           Jacket Color         black           Type of Certificate         CURUS           Amount stranding		I
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Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 613  Cable Type 1  Jacket Color black  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted wire arrangement brown, black, blue	Note on bending radius	
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Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue	Jacket Color	black
Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue	Type of Certificate	cURus
wire arrangement brown, black, blue		1
wire arrangement brown, black, blue	Stranding	3 wires twisted
Cable weigth 34,1 g/m		brown, black, blue
	Cable weigth	34,1 g/m

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-17



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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
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 mm²
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)	0° 08 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	0° 08 °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