

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

PUR 3x0.34 ye UL/CSA+robot+drag ch. 0.3m

Y-connector M12 – M12, 4/3-pole Zinc die casting, save-cover coated Male straight – females 90° A-coded

LED (yellow/green)

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

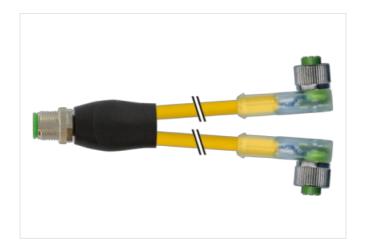
Plastic housings with good resistance against chemicals and oils.

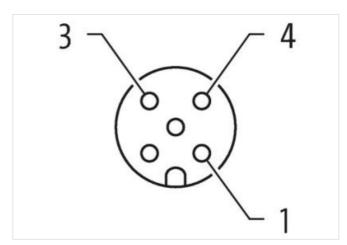
The resistance to aggressive media should be individually tested for your application. Further details on request.

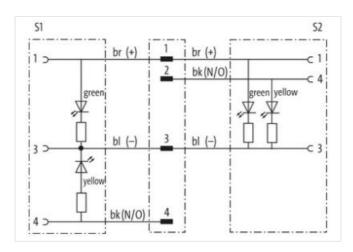
Further cable lengths on request.

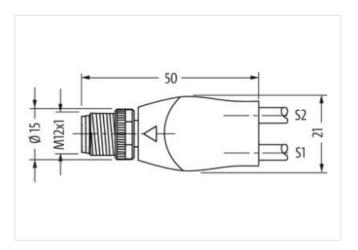
## **Link to Product**

## Illustration



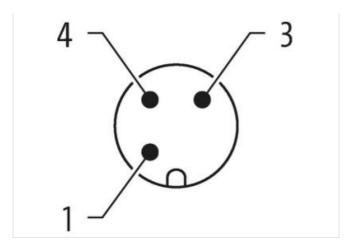


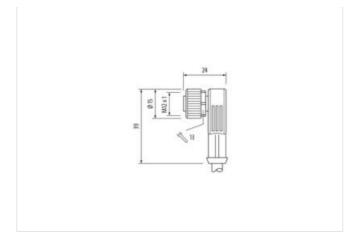






stay connected





Product may differ from Image





Cable length	0,3 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	27061801
customs tariff number	85444290
Packaging unit	1



stay connected

Seresting voltage DC min.   18 V	Electrical data   Supply	
Sperating voltage DC max.   30 V	Operating voltage DC	24 V
Sperating voltage DC max. (UI-listed) 30 V Surrent operating per contact max. 4 A  Diagnostics  Istatus indication LED green, yellow Installation [Connection Housing set M12 x 1  Device protection   Electrical  didutional condition   Electrical  didutional condition   Electrical  didutional condition   Electrical  distance   Material data   Material data  based suppose   Electrical  distance   Electrical  dist	Operating voltage DC min.	18 V
Jurent consumption max. 5 mA  Jurent consumption max. 5 mA  Joseph	Operating voltage DC max.	30 V
Diagnostics  Diagnostics  Installation   Connection  Nounting set M12 x 1  Device protection   Electrical  deficional condition protection   Protect	Operating voltage DC max. (UL-listed)	30 V
Diagnostics  lataus indication LED green, yellow installation   Connection  lounting set M12 x 1  Device protection   Electrical  diditional condition protection degree inserted, screwed  Position Degree 3  lated surge voltage 0,8 kV  laterial group (EC 60664-1) I  Mechanical data   Material data  Mechanical data   Material data  Soating locking side over coated  Soating locking material  Soating locking material  Soating of litting mickel plated  Haterial graver connection Zinc discreasing  Mechanical data   Material data  Jinc discreasing  Mechanical data   Material data  Jinc discreasing  Mechanical data   Material data  Soating protection  Zinc discreasing  Mechanical data   Material data  Jinc discreasing  Mechanical data   Material data  Sorewed, Shaking protection  Environmental characteristics   Climatic  Soperating temperature min25 °C  Soperating temperature max. 85 °C  diditional condition temperature range depending on cable quality  Important installation notes  Interest 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.  Contornity  Troduct standard Interest of permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Contornity  Troduct standard  DIN EN 61076-2-101 (M12)  Interest and permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Contornity  Troduct standard  DIN EN 61076-2-101 (M12)  Metalatical defension   Section   Sectio	Current operating per contact max.	4 A
status indication LED green, yellow  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  diditional condition protection degree inserted, screwed  dilution Degree 3  Satedad surge voltage (1,5,5,5,5,5,5,5,5,5,5,5,5,5,5,5,5,5,5,5	Current consumption max.	5 mA
Installation   Connection   Identify get   M12 x 1  Device protection   Electrical   Identify get   M2 x 1  Device protection   Electrical   Identify get   M2 x 1  Device protection   Electrical   Identify grow voltage   0.8 kV   I	Diagnostics	
Device protection   Electrical	Status indication LED	green, yellow
Device protection   Electrical  deditional condition protection degree   inserted, screwed    foliution Degree   3   3    stated surge voltage   0,8 kV    staterial group (IEC 60664-1)   1    Mechanical data   Material data    Soziating of fitting   nickel plated    staterial gasket   FKM    Soziating of fitting   nickel plated    staterial screw connection   Zinc die-casting    staterial screw connection   Zinc die-casting	Installation   Connection	
inserted, screwed  slobution Degree 3  slated surge voltage 0.8 kV  takeral group (IEC 60664-1) 1  Mechanical data   Naterial data  sociating locking safe-cover coated  sociating of lifting nickel plated  filting nickel plated  f	Mounting set	M12 x 1
Tabletion Degree 3  Tabletion Degree 0,8 kV  Mechanical data   Material data  Mechanical data   Material data  Mechanical data   Material data  Soating Ocking safe-cover coated  Soating Ocking naterial zinche plated  Atterial goster FMM  Ocking material Zinc die-casting  Atterial sorew connection Zinc die-casting  Mechanical data   Mounting data  Mechanical data   Mounting data  Mechanical data   Mounting data  Mechanical data   Mounting data  Mounting method inserted, sorewed, Shaking protection  Environmental characteristics   Climatic  Deparating temperature min25 °C  Deparating temperature max85 °C  Deparating temperature max85 °C  Deparating temperature max85 °C  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endargered by excessive bending forces.  Conformity  Toduct standard DIN EN 61076-2-101 (M12)  Installation   Cable  Sable Idype 5  Sable Type 5  Sable Idype 1  Sable Idype 1  Sable Idype 5  Sable Idype 1  Sable Idype 5  Sable Idype 1  Sable Idype 1  Sable Idype 5  Sable Idype 1  Sable Idype 5  Sable Idype 1  Sable Idype 5  Sable Idype 1  Sable Idype 6  Sable Idype 1  Sable Idype 2  Sable Idype 3  Sable Idype 4  Sable Idype 4  Sable Idype 4  Sable Idype 6  Sable Idype 1	Device protection   Electrical	
Tabletion Degree 3  Tabletion Degree 0,8 kV  Mechanical data   Material data  Mechanical data   Material data  Mechanical data   Material data  Soating Ocking safe-cover coated  Soating Ocking naterial zinche plated  Atterial goster FMM  Ocking material Zinc die-casting  Atterial sorew connection Zinc die-casting  Mechanical data   Mounting data  Mechanical data   Mounting data  Mechanical data   Mounting data  Mechanical data   Mounting data  Mounting method inserted, sorewed, Shaking protection  Environmental characteristics   Climatic  Deparating temperature min25 °C  Deparating temperature max85 °C  Deparating temperature max85 °C  Deparating temperature max85 °C  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endargered by excessive bending forces.  Conformity  Toduct standard DIN EN 61076-2-101 (M12)  Installation   Cable  Sable Idype 5  Sable Type 5  Sable Idype 1  Sable Idype 1  Sable Idype 5  Sable Idype 1  Sable Idype 5  Sable Idype 1  Sable Idype 1  Sable Idype 5  Sable Idype 1  Sable Idype 5  Sable Idype 1  Sable Idype 5  Sable Idype 1  Sable Idype 6  Sable Idype 1  Sable Idype 2  Sable Idype 3  Sable Idype 4  Sable Idype 4  Sable Idype 4  Sable Idype 6  Sable Idype 1	Additional condition protection degree	inserted, screwed
Mechanical data   Material data  Mechanical data   Material data  Mechanical data   Material data  Material group (IEC 60664-1)  Material grasket	Pollution Degree	· · · · · · · · · · · · · · · · · · ·
Mechanical data   Material data  Mechanical data   Material data  Mechanical data   Material data  Material group (IEC 60664-1)  Material grasket	Rated surge voltage	0,8 kV
safe-cover coated  Deating of fitting nickel plated  Attacrial gasket FKM  Attacrial gasket FKM  Attacrial gasket FKM  Attacrial gasket FKM  Attacrial screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Deparating temperature min. 25 °C  Deparating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Lote 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.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Sable identification  053  Sable Type 5  Sable Weight  29,7 g/m  Atterial jacket  PUR  Sable weight  29,7 g/m  Atterial jacket  PUR  Sable weight  29,7 g/m  Atterial jacket  158 ± 3 Shore D  Teredom from ingredients (jacket)  126 ± 5%  Sable Type  158 ± 3 Shore D  Teredom from ingredients (jacket)  125 %  Satterial wire invaluation  125 %	Material group (IEC 60664-1)	I
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inckel plated  inched plated  inckel		safe-cover coated
Material gasket FKM cocking material Zinc die-casting Material screw connection Material screw connection Material screw connection Material gasket Material gasket Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic Operating temperature min.  25 °C  Operating temperature max.  85 °C  diditional condition temperature range depending on cable quality Important installation notes  University of the screw 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.  Conformity  Product standard DIN En 61076-2-101 (M12)  Installation   Cable  Sable Type  5  Sable Type  5  Sable Type  5  Sable Type  6 Certificate  CURUs		
Attential Screw connection		·
Mechanical data   Mounting data   Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic   Deparating temperature min25 °C   Deparating temperature max. 85 °C   deficitional condition temperature range   depending on cable quality   Important installation notes   Idea on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.   Idea 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   Sable identification   O53   Sable Type   5   Sacket Color   yellow   Yellow   yellow   Yellow   Gertificate   culRus   Immount stranding   1   Stranding   3 wires twisted   Idea of the province of the provinc		
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Stranding 3 wires twisted  brown, black, blue  Cable weigth 29,7 g/m  Material jacket PUR  Shore hardness jacket 58 ± 3 Shore D  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free  Duter-diameter (jacket) 4,3 mm  Folerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 3	Amount stranding	
brown, black, blue  29,7 g/m  Material jacket  PUR  Shore hardness jacket  58 ± 3 Shore D  Greedom from ingredients (jacket)  Lead-free, cadmium-free, CFC-free, halogen-free  Duter-diameter (jacket)  4,3 mm  Folerance outer diameter (sheath)  ± 5 %  Material wire insulation  PP  Innount wires  3		
Cable weigth 29,7 g/m  Material jacket PUR  Shore hardness jacket 58 ± 3 Shore D  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free  Outer-diameter (jacket) 4,3 mm  Folerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 3		
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Shore hardness jacket 58 ± 3 Shore D  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 4,3 mm  Folerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 3	Material jacket	
Freedom from ingredients (jacket)  lead-free, cadmium-free, CFC-free, halogen-free silicone-free  Outer-diameter (jacket)  4,3 mm  Folerance outer diameter (sheath)  ± 5 %  Material wire insulation  PP  Amount wires  3	Shore hardness jacket	58 ± 3 Shore D
Outer-diameter (jacket) 4,3 mm Folerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 3	Freedom from ingredients (jacket)	
Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 3		
Material wire insulation PP Amount wires 3	Folerance outer diameter (sheath)	
amount wires 3	Material wire insulation	
	Amount wires	
· · · · · · · · · · · · · · · · · · ·	Outer diameter insulation	1,25 mm



Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	74 ± 3 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C   horizontal
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	60 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
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	1 Mio.
Torsion stress	± 360 °/m
Torsion speed	35 cycles/min