

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

PVC 3x0.34 gy UL/CSA 0.5m

Y-connector M12 - M12, 4/3-pole

 $\label{eq:males} \mbox{Male straight} - \mbox{females straight}$ 

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

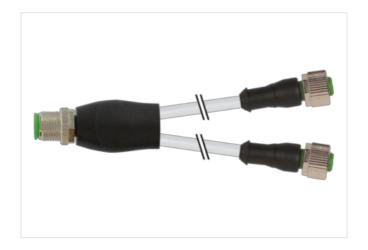
Plastic housings with good resistance against chemicals and oils.

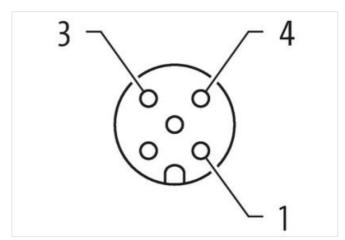
The resistance to aggressive media should be individually tested for your application. Further details on request.

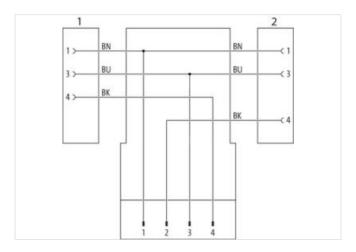
Further cable lengths on request.

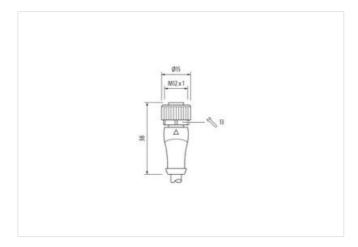
## **Link to Product**

## Illustration



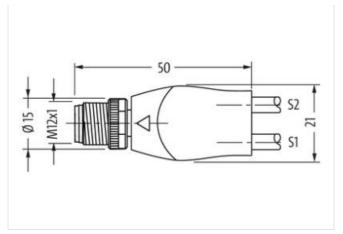


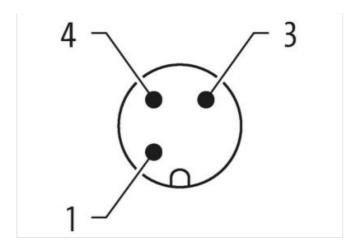






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Product may differ from Image













Cable length	0,5 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
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	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
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
Coding	A
No. of poles	3
Commercial data	



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ECLASS 8.0 27279218  ECLASS 9.0 27060313  ECLASS-1.1 4048879588500  ESTIM 4048879588500  Packaging unit 1  Electrical data   Supply  Operating voltage DC max. 250 V  Operating voltage DC (UL-listed) 30 V  Deprating voltage DC (UL-listed) 4 A  Diagnostics  Status indication LED no  Installation   Connection  Wouting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Salade surge voltage 2.5 kV  Material group (EC 606641) 1  Mechanical data   Material data  Coating locking apsket FKM  Material group (EC 606641) 2 In Mechanical data   Material data  Material group (EC 606641) 3 Incede-casting  Mechanical data   Mounting data  Material screw connection 2 Incede-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min. 25 °C  Operating temperature min. 45 °C  Operating temperature max. 85 °C  Operating temperature mine. 45 °C  Operating temperature mine 4 Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties.	ECLASS-6.0	27279218
ECASS 0   27060313	ECLASS-7.0	27279218
ECASS 10.1         27960313           ECLASS-12.0         27960313           ETIMS 5.0         ECO01855           ETIMS 5.0         ECO01855           SETIMS 5.0         844290           STIN         4948878688508           Packaging unit         1           Electrical datal Suppy         1           Operating voltage AC max.         250 V           Operating voltage AC (Unisted)         30 V           Operating voltage AC (Unisted)         30 V           Operating voltage DC (Unisted)         30 V           Interest Description (Connection)         Multiple Connection           Mounting set         M12 x 1           Device protection (Electrical)         M12 x 1           Mounting set Power         M12 x 1           Device protection (Electrical)         M12 x 1           Medicinal condition protection degree         3           Velocition Degree         3           Velocition Degree         3           Velocition Degree         3 <td>ECLASS-8.0</td> <td>27279218</td>	ECLASS-8.0	27279218
ECLASS-11.1 27060313 ECLASS-12.0 2700313 ECLASS-12.0 2700313 ECLASS-12.0 2700313 ECLASS-12.0 2700313 ECLASS-12.0 2700313 ECLASS-12.0 2700313 ECLASS-12.0 ECCASS-12.0 ECLASS-12.0 ECLASS-12	ECLASS-9.0	27060311
ECLASS-12.0         27000313           BURK-0.1         EC001855           BURK-0.1         EC001855           BURK-0.2         EC001855           BURK-0.2         8544280           STIN         4048875588008           Peckatign unit         1           Electrical data [Suppty         1           Operating voltage AC max.         250 V           Operating voltage AC (IU-listed)         30 V           Operating voltage AC (IU-listed)         30 V           Operating voltage DC (IU-listed)         30 V           Diagnostics         V           Status Indication LED         no           Installation   Connection         M12 x 1           Mounting set         M12 x 1           Device protection   Electrical         Additional condrion protection degree           Mutaerial group (EC 60084-1)         1           Publishing protection   Electrical         3           Additional Surgery (EC 60084-1)         1           Coating of litting         nickel plated           Mutaerial group (EC 60084-1)         2           Locking material         2inc die-casting           Mutaerial group (EC 60084-1)         2           Locking material         2inc die-casting	ECLASS-10.1	27060313
ETIM-5.0 EC001855  usistoms tariff number	ECLASS-11.1	27060313
STIN	ECLASS-12.0	27060313
STIN   A048879589508	ETIM-5.0	EC001855
Packaging unit	customs tariff number	
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Operating voltage DC max.   250 V	Electrical data   Supply	
Operating voltage AC (UL listed)	Operating voltage AC max.	250 V
Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Diagnostics         Installation LED         no           Status indication LED         M12 x 1           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 60564-1)         I           Mechanical data   Material data         I           Coating boking         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           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.           Operating temperature min.         25 ° C           Operating temperature min.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes	Operating voltage DC max.	250 V
Current operating per contact max.         4 A           Diagnostics         Important Contaction LED         no           Installation   Connection         Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree         inserted, screwed           Pollution Degree         3         Related surge voitage         2,5 kV           Meterial group (IEC 60664-1)         1         Mechanical data   Material data           Coating locking         Nickeled         Coating of litting         nickel plated           Material gasket         FKM         Coating of litting         nickel plated           Material gasket         FKM         Coating of litting         nickel plated           Mechanical data   Mounting data         Immediate of litting         nickel plated of litting           Mechanical data   Mounting data         Immediate of litting         Nickel plate of litting           Mechanical data   Mounting data         Immediate of litting         Nickel plate of litting           Mechanical data   Mounting data         Immediate of litting         Nickel plate of litting         Nickel	Operating voltage AC (UL-listed)	30 V
Status indication LED no Installation   Connection  Wounting set M12 x 1  Mounting set Insertied, screwed  Pollution Degree inserted, screwed  Pollution Degree 3  Rated surge voltage 2,5 kV  Material group (IEC 60664-1) 1  Mechanical data   Material data  Coating locking Nickeled  Coating of litting inserted inserted, screwed, shaking protection group (IEC 60664-1) 2  Coating locking Nickeled  Coating of litting inserted inserted, screwed, shaking protection  Mechanical data   Munting data  Material screw connection Zinc dis-casting  Method inserted inserted, screwed, Shaking protection  Mechanical data   Munting data  Munting method inserted, screwed, Shaking protection  Mechanical data   Munting data  Munting method coating inserted, screwed, Shaking protection  Mechanical data   Munting data  Munting method coating inserted, screwed, Shaking protection  Mechanical data   Munting data  Munting inserted in inserted, screwed, Shaking protection  Mechanical data   Munting data  Munting method coating inserted, screwed, Shaking protection  Mechanical data   Munting data  Munting inserted in inserted, screwed, Shaking protection  Mechanical data   Munting data  Munting inserted in inserted, screwed, Shaking protection  Mechanical data   Munting data  Munting inserted in inserted, screwed, Shaking protection  Mechanical data   Munting data  Munting inserted in inserted, screwed, Shaking protection  Mechanical data   Munting data  Munting inserted in inserted, screwed, Shaking protection  Mechanical data   Munting d	Operating voltage DC (UL-listed)	30 V
Status indication LED no  Installation   Connection  Wounting 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 606641) 1  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Material gasket FKM  Coating of fitting nickel plated  Material screw connection Zinc die-casting  Material screw connection	Current operating per contact max.	4 A
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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 looking Nickeled Coating looking Nickeled  Coating looking Nickeled  Coating of litting nickel plated  Material gasket FKM  Looking material Zinc die-casting  Material screw connection Zinc die-casting  Method ald ata   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Coperating temperature min25 °C  Coperating 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.  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 1  Jacket Color gray  Type of Certificate CURus	Mounting set	M12 x 1
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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  Deprating temperature min25 °C  Deprating 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.  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 gray  Type of Certificate CURus  URus	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1)  Mechanical data   Material data  Coating locking  Nickeled  Coating of fitting  nickel plated  Material gasket  EKM  Locking material  Meterial gasket  Miscalliation gasket  Miscalliation gasket  Meterial gasket  Miscalliation gask	Pollution Degree	3
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 Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic Departing temperature min. 25 °C Departing 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 Identification 213 Cable Identification gray  Type of Certificate CURus  CURUS	Rated surge voltage	2,5 kV
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  Deparating temperature min. 25 °C Deparating 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 identification   213 Cable identification   213 Cable Type   1 Clacket Color   gray Coentificate   CURus	Material group (IEC 60664-1)	I
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 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 be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 213  Cable Type of Certificate CURus  Type of Certificate  CURus	Mechanical data   Material data	
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Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min.	Material gasket	FKM
Mechanical data   Mounting data  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 be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 213  Cable Type 1  Jacket Color gray  Type of Certificate curve in inserted, screwed, Shaking protection  -25 °C  -26 · 26 · 26 · 26 · 26 · 26 · 26 · 26 ·	Locking material	Zinc die-casting
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 be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 213  Cable Type 1  Jacket Color gray  Type of Certificate cURus	Material screw connection	Zinc die-casting
Environmental characteristics   Climatic  Operating temperature min.  Operating temperature max.  Additional condition temperature range  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.  Conformity  Product standard  DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification  213  Cable Type  1  Jacket Color  gray  Type of Certificate  CURus	Mechanical data   Mounting data	
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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 identification 213  Cable Type 1  Jacket Color gray  Type of Certificate cURus	Operating temperature max.	85 °C
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.  Conformity  Product standard  DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification  213  Cable Type  1  Jacket Color  gray  Type of Certificate  CURus	Additional condition temperature range	depending on cable quality
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 213  Cable Type 1  Jacket Color gray  Type of Certificate CURus	Important installation notes	
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 213  Cable Type 1  Jacket Color gray  Type of Certificate cURus	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Conformity Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 213  Cable Type 1  Jacket Color gray  Type of Certificate cURus	Note on bending radius	
Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 213  Cable Type 1  Jacket Color gray  Type of Certificate cURus	Conformity	eridangered by excessive bending forces.
Installation   Cable Cable identification 213 Cable Type 1 Jacket Color gray Type of Certificate cURus		DIN FN 61076-2-101 (M12)
Cable identification 213 Cable Type 1 Jacket Color gray Type of Certificate cURus		DIN LIN 01070-2-101 (W12)
Cable Type 1  Jacket Color gray  Type of Certificate cURus		
Jacket Color gray Type of Certificate cURus		
Type of Certificate cURus		
Amount stranding 1		
	Amount stranding	1

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: 2024-05-06



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Stranding	3 wires twisted
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
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)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
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