

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

PVC 3x0.34 gy UL/CSA 3m

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

Male straight – females straight

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

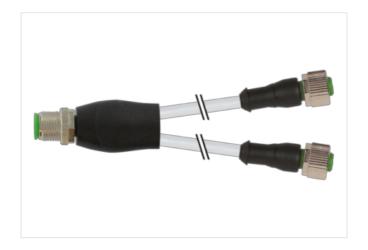
Plastic housings with good resistance against chemicals and oils.

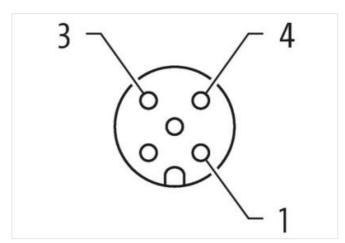
The resistance to aggressive media should be individually tested for your application. Further details on request.

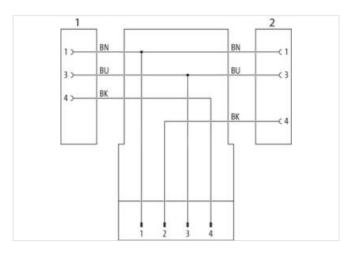
Further cable lengths on request.

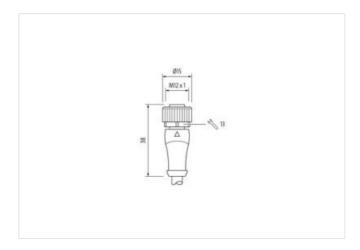
## **Link to Product**

## Illustration



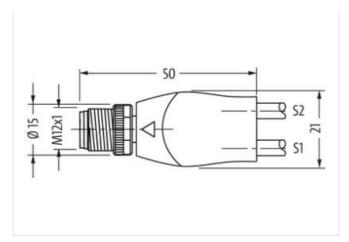


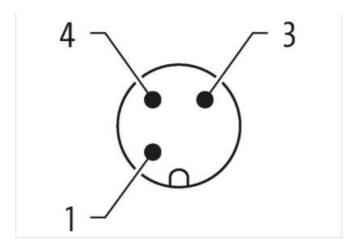






stay connected





Product may differ from Image













Cable length	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
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	



stay connected

ECLASS-7.0   27279218	ECLASS-6.0	27279218
ECLASS-8-0   277060313   ECLASS-11.1   27060313   ECLASS-11.1   27060313   ECLASS-11.1   27060313   ECLASS-12.0   27060313   ECLASS-12.0   27060313   ETM 5.0   ECLASS-12.0   ECLASS-1	FCLASS-7.0	27279218
ECLASS-0.0   27960313   ECLASS-10.1   27960313   ECLASS-11.1   27960313   ECLASS-11.1   27960313   ECLASS-12.0   27960313   ECLASS-12.0   27960313   ECLASS-12.0   27960313   ECLASS-12.0   ECONIBS   ECLASS-12.0   ECONIBS   ECLASS-12.0   ECONIBS   ECLASS-12.0   ECONIBS   ECLASS-12.0   ECONIBS   ECLASS-12.0   ECCASS-12.0		
ECLASS-10.1   27960313   ECLASS-12.0   27960313   ECLASS-12.0   27960313   ECLASS-12.0   ECO01835   ECLASS-12.0   ECCASS-12.0   ECLASS-12.0   EC		
ECLASS-11.0   27080313   ECLASS-12.0   27080313   ECLASS-12.0   27080313   ECLASS-12.0   ECM1855   ECM18		
ETIM-S.O         EC001855           customs tariff number         85444290           GTIN         40487915710           Packaging unit         1           Electrical data   Supply         Poperating voltage AC max.           Operating voltage DC max.         250 V           Operating voltage DC (III. Listed)         30 V           Operating voltage DC (III. Listed)         30 V           Current operating per contact max.         4 A           Diagnostics         Status indication LED           Status indication LED         no           Installation   Connection         Mounting set           Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree           3         Rated surge voltage           4.5 kV         Material group (IEC 60664-1)           I Mechanical data Material data         Inserted, screwed           Pollution Degree         3           Rated surge voltage         2.5 kV           Material group (IEC 60664-1)         1           Mechanical data Material data         Nickeled           Coating of fitting         nickel plated           Material screw connection         PKM           Mechanical data Mounting data	ECLASS-11.1	27060313
customs tariff number 85444290 GTRN 4948879157810 Packaging unit 1    Electrical data   Supply	ECLASS-12.0	27060313
GTIN 4048879157810 Packaging unit 1 Electrical data   Supply Operating voltage AC max. 250 V Operating voltage DC QLL-listed) 30 V Current operating per contact max. 4 A  Diagnostics Status indication LED no Installation   Connection Mounting set M12 x 1  Device protection   Electrical Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage M2	ETIM-5.0	EC001855
Packaging unit	customs tariff number	85444290
Electrical data   Supply	GTIN	4048879157810
Operating voltage AC max. 250 V Operating voltage DC max. 250 V Operating voltage DC (UL-listed) 30 V Operating oper contact max. 4 A  Diagnostics  Status indication LED no Installation   Connection 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 60664-1) 1  Mechanical data   Material data  Mechanical data   Material data  Coating locking Nickeled Coating of fitting nickel plated Material gasket FKM Locking material Zinc die-casting  Metherial screw connection Zinc die-casting  Methenical data   Mounting data  Mechanical data   Mounting	Packaging unit	1
Operating voltage DC max.         250 V           Operating voltage AC (UL-listed)         30 V           Current operating per contact max.         4 A           Diagnostics           Status indication LED         no           Installation   Connection           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 60664-1)         I           Mechanical data   Material data           Coating of fitting         nickeled           Coating of fitting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Mechanical data   Mounting data         Zinc die-casting           Mechanical data   Mounting data         Mounting method           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature max.         85 °C	Electrical data   Supply	
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         no           Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2.5 kV           Machanical data   Material data         I           Mechanical data   Material data           Coating olicking         Nickeled           Coating ol fitting         nickel platted           Material screw connection         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Immediatal Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.         25 °C           Operating temperature max.         85 °C           Additional condition temperature may.         65 °C           Operating temperature min.	Operating voltage AC max.	250 V
Current operating voltage DC (UL-listed) 30 V	Operating voltage DC max.	250 V
Diagnostics   Status indication LED   no   Installation   Connection   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 60684-1)   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   Coperating 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.  Conformity   Product standard   DIN EN 61076-2-101 (M12)   Installation   Cable   Cable Identification   213   Cable Type   1	Operating voltage AC (UL-listed)	30 V
Diagnostics	Operating voltage DC (UL-listed)	30 V
Status indication LED no  Installation   Connection  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 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating offitting nickel plated  Material sprew connection Zinc die-casting  Material sorew connection Zinc die-casting  Material sorew connection Zinc die-casting  Material sorew connection 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.  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	Current operating per contact max.	4 A
Installation   Connection  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 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Material sarek 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 Din Ken 61076-2-101 (M12)  Installation   Cable  Cable identification 213  Cable IType 1	Diagnostics	
Mounting set M12 x 1    Device protection   Electrical	Status indication LED	no
Device protection   Electrical  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 locking Nickeled  Coating of fitting nickel plated  Material gasket FKM  Locking material Zinc de-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature main25 °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 identification 1	Installation   Connection	
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 locking Nickeled  Coating olcking 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 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.  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 1	Mounting set	M12 x 1
Pollution Degree 3 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  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on bending radius 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	Device protection   Electrical	
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 sorew 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.  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  Gable Type 1	Additional condition protection degree	inserted, screwed
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     Material screw connection   Zinc die-casting     Mechanical data   Mounting data     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic     Operating temperature min.		<u>`</u>
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  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	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  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	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 1	Mechanical data   Material data	
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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 1	Coating of fitting	nickel plated
Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic       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)       Installation   Cable       Cable identification     213       Cable Type     1	Material gasket	FKM
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Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 213  Cable Type 1		endangered by excessive bending forces.
Installation   Cable Cable identification 213 Cable Type 1	Conformity	
Cable identification 213 Cable Type 1	Product standard	DIN EN 61076-2-101 (M12)
Cable Type 1	Installation   Cable	
	Cable identification	213
Jacket Color gray	Cable Type	1
	Jacket Color	gray
Type of Certificate cURus		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: 2024-05-03



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