

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

PVC 3x0.34 ye UL/CSA 0.3m

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

Male straight – females straight

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

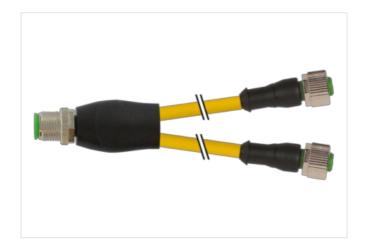
Plastic housings with good resistance against chemicals and oils.

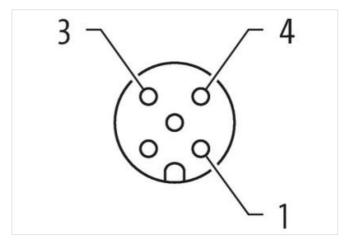
The resistance to aggressive media should be individually tested for your application. Further details on request.

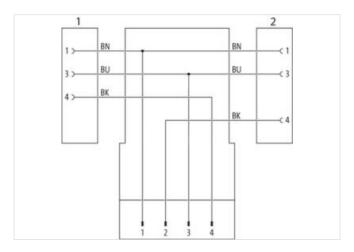
Further cable lengths on request.

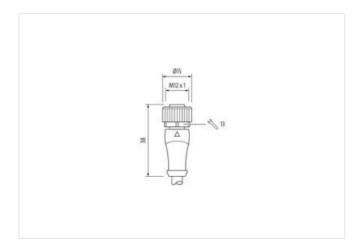
## **Link to Product**

## Illustration



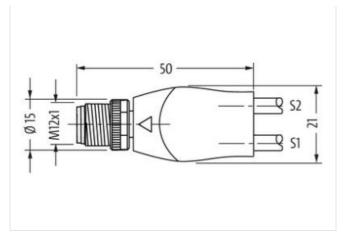


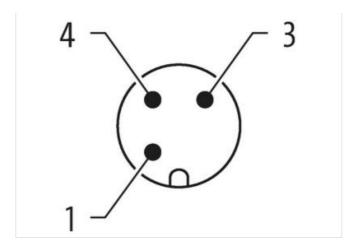






stay connected





Product may differ from Image













Cable length	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
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	



ECLASS 7.0   27279218	ECLASS-6.0	27279218
ECLASS-8.0 27060313 ECLASS-11.1 27060313 ECLASS-12.0 27060313 ECLASS-12.0 27060313 ETIM-5.0 EC001855 Customs tarff number 68444290 GTIN 4048879158121 Packaging unit 1 Electrical data   Supply Operating voltage AC max. 250 V Operating voltage AC (LIL-listed) 30 V Operating voltage DC (RIL-listed) 30 V Operating voltage DC (LIL-listed) 30 V Operating voltage DC (LIL-listed) 30 V Operating voltage DC (CIL-listed) 30 V Operating voltage DC (CIL-listed) 30 V Operating voltage DC (LIL-listed) 30 V Operating voltage DC (LIL-li	ECLASS-7.0	27279218
ECLASS-10.1 27060313 ECLASS-11.1 27060313 ECLASS-11.1 27060313 ECLASS-12.0 27060313 ETIM 5.0 EC001855 customs tariff number 85444290 GTIN 4048879158121 Packaging unit 1  Electrical data   Supply Operating voltage AC max. 250 V Operating voltage BC 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 60684-1) 1  Mechanical data   Material data Coating of Ifiting nickel plated Material group (IEC 60684-1) 1  Mechanical data   Material data Coating of Ifiting nickel plated Material screw connection 2 inserted, screwed, Shaking protection Environmental characteristics   Climatic Operating temperature min25 °C Operating temperature min25 °C Additional condition temperature range depending on cable quality Important installation notes	ECLASS-8.0	27279218
ECLASS-12.0         27660313           ECLASS-12.0         27660313           ETIMS-5.0         EC001855           customs tartif number         85444290           GTIN         4048879158121           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Operating per contact max.         4 A           Diagnostics         Status indication LED           Status indication LED         no           Installation   Connection         Multi x 1           Device protection   Electrical         Additional condition protection degree           Follusion Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Nickeled           Coating locking         Nickeled           Coating locking         Nickeled locating           Material sorew connection         Zinc die-casting           Material sorew connection         Zinc die-casting           Material sorew connection         Zinc die-casting	ECLASS-9.0	27060311
ECLASS-12.0         27060313           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879158121           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           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)         1           Mechanical data   Material data           Coating of fitting         nickeled           Coating of fitting         nickeled plated           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Mechanical data   Mounting data           Mounting method         insert	ECLASS-10.1	27060313
ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879158121 Packaging unit 1  Electrical data   Supply Operating voltage AC max. 250 V Operating voltage AC max. 250 V Operating voltage AC gull-tisted) 30 V Operating voltage AC gull-tisted) 30 V Operating voltage C (UL-tisted) 30 V Operating voltage AC gull-tisted) 4A A Operating voltage AC gull-tisted) 4A A Operating voltage AC gull-tisted AC gull	ECLASS-11.1	27060313
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Plectrical data   Supply	GTIN	4048879158121
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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 locking Nickeled  Coating of fitting nickel plated  Material gasket FKM  Locking material  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		30 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 60664-1)       1         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         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		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 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	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 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	Diagnostics	
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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 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	Installation   Connection	
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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  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes	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  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	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  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	Rated surge voltage	2,5 kV
Coating locking  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 min.  -25 °C  Operating temperature max.  85 °C  Additional condition temperature range  depending on cable quality  Important installation notes	Material group (IEC 60664-1)	I
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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		·
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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	Material screw connection	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	Mechanical data   Mounting data	
Operating temperature min.  -25 °C  Operating temperature max.  85 °C  Additional condition temperature range depending on cable quality  Important installation notes		inserted, screwed, Shaking protection
Operating temperature max.  85 °C  Additional condition temperature range depending on cable quality  Important installation notes	Environmental characteristics   Climatic	
Operating temperature max.  85 °C  Additional condition temperature range depending on cable quality  Important installation notes	Operating temperature min.	-25 °C
Additional condition temperature range depending on cable quality  Important installation notes		
	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.		Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Conformity	Conformity	
Product standard DIN EN 61076-2-101 (M12)		DIN EN 61076-2-101 (M12)
Installation   Cable	Installation   Cable	
Cable identification 013	Cable identification	013
Cable Type 1	Cable Type	1
Jacket Color yellow	Jacket Color	yellow
Type of Certificate cURus	Type of Certificate	cURus
Amount stranding 1		



stay connected	ı
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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	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	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter