

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

PUR 3x0.34 gy UL/CSA+drag ch. 1m

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

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

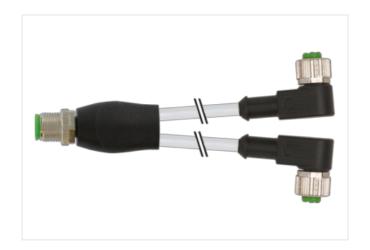
Plastic housings with good resistance against chemicals and oils.

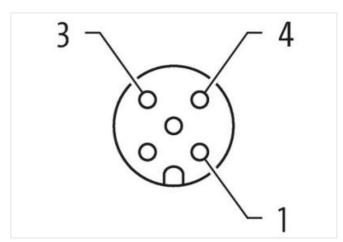
The resistance to aggressive media should be individually tested for your application. Further details on request.

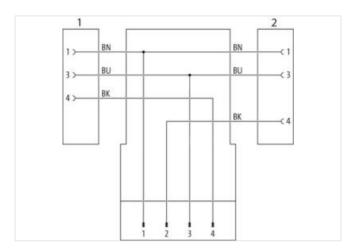
Further cable lengths on request.

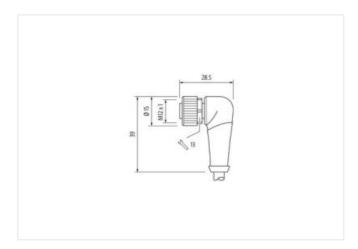
## **Link to Product**

## Illustration



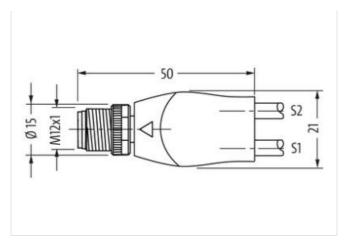


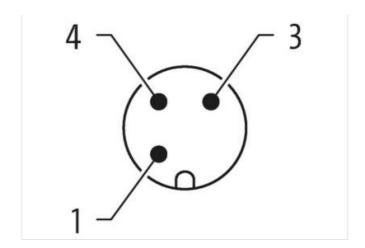






stay connected





Product may differ from Image













Cable length	1 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

CLASS   0   2779E18	ECLASS-6.0	27279218
ECLASS-8.0         2726218           ECLASS-10.1         2706313           ECLASS-11.1         2706313           ECLASS-11.1         2706313           ECLASS-12.0         2700313           ETIM 5.0         ECO01855           Cuations facifi murber         8544220           GTIN         4048879156370           Packaging unit         1           Edecirical datal Supply         February Commander of the Com		27270219
ECLASS 9.0         27969311           ECLASS 10.1         27969313           ECLASS 12.0         27969313           ECLASS 12.0         27969313           ECLASS 12.0         E0001855           customs serff number         8544290           GTIN         4048879168370           Packaging unit         1           Electrical data [Supply         Cyperating voltage AC max.           Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage DC max.         250 V           Operating voltage DC UL risked         30 V           Current operating per contract max.         4 A           Diagnostics         Status indication LED           Mounting set         M12 x 1           Device protection   Electrical         Value of the protection of process of the protection		
ECASS 101         27000313           ECIASS 11.0         27000313           ECIASS 12.0         EXCONESS           CEASS 12.0         EXCONESS           COLLIDATE INTERMENT         8544290           GTIN         4048879159370           Packaging unit         1           Edectical datal Supply         Packaging unit           Operating voltage DC max.         250 V           Operating voltage DC max.         250 V           Operating voltage DC (UL-steet)         30 V           Operating voltage DC (UL-steet)         4 A           Diagnostics         Status indication LED           Status indication LED         no           Installation   Connection         M02 X 1           Device protection   Electrical         Additional condition protection degree           Mountain gase voltage         2,5 kV           Method of the Instance of the Control of		
ECLASS-11 1         27060313           ETIMS-0 2000315         ETIMS-0 ECLASS-12.0           ETIMS-0 ECLASS-12.0         27060315           ETIMS-0 Customs carlf number         8544290           GTIN 404878158370         404878158370           Penchargo young Long Customs		
ECHAS 12.0         27080313           ETIM 5.0         EC001805           Customs tarfif mimber         8544290           GTIN         4048879150370           Peckaging unit         1           Electrical data   Supply         V           Operating vollage AC max.         250 Y           Operating vollage DC max.         250 Y           Operating vollage DC max.         30 V           Operating vollage DC max.         4 A           Correct operating vollage DC max.         4 A           Diagnostics         Status indication LED           Status indication LED         no           Installation Connection         Mounting set           Mounting set         MT2 x 1           Device protection   Electrical         Additional condition protection degree           Additional condition protection degree         3           Rated surge voltage         2.5 kV           Material group (IEC 66664-1)         1           Mechanical data   Material data         Nickeed           Coating of litting         nickel pated           Material group connection         Zinc de casting           Meterial scene connection         Zinc de casting           Meterial pastert         FMM		
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OTIN         4048879156370           Packaging unit         1           Electrical data I Supply         Poperating voltage AC max.         250 V           Operating voltage DC max.         250 V           Operating voltage DC max.         250 V           Operating voltage DC (Lil-lated)         30 V           Current operating per corticat max.         4 A           Diagnostics         V           Status indication LED         no           Installation Connection         M12 x 1           Device protection   Electrical         M2 x 1           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Raced surge voltage         2.8 kW           Macerial group (IEC 60664-1)         I           Mechanical data   Material data         Mickeled           Casting forting         nickel plated           Material gasket         FKM           Locking material         Zinc de-casting           Muterial screw connection         Zinc de-casting           Mechanical data   Mounting data         Macerial gasket         FKM           Deparating imperature max.         25 °C         Concerning protection temperature range         depending on cable quality		
Packaging unit         1           Electrical data   Supply           Ceparating voltage AC max.         250 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Corrent operating per contact max.         4 A           Diagnostice           Status indication LED         no           Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rade surp voltage         2,5 kV           Mechanical data   Material data           Costing policing         Nickeled           Costing policing         FixId           Material State Policing         FixId		
Pectrical data   Supply   Operating voltage AC max.   250 V   Operating voltage AC max.   250 V   Operating voltage AC (UL-listed)   30 V   Operating voltage AC (UL-listed)   4 A   Operating voltage AC (UL-listed)   4 A   Operating voltage AC (UL-listed)   4 A   Operating voltage AC (UL-listed)   VIII   VII		
Operating voltage AC max.         250 V           Operating voltage DC max.         250 V           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           Pollution Degree         3           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Attention protection (Electrical)           Inserted Seption (Electrical)           Attention protection degree         3           Nickeld           Coating of titing         nickeld           Coating of titing         nickeld           Material grow connection         Zinc die-casting <td< td=""><td></td><td></td></td<>		
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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           Pollution Degree         3           4 Sevice protection   Electrical         4           Method in protection degree           Pollution Degree         3           4 Sevice protection   Electrical         4           Method in protection degree           In Protection degree           Additional condition protection degree           Method in Sevice (B6664-1)           In Protection degree           Method in Sevice (B6664-1)           In Registration degree           Method in Sevice (B6664-1)		
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Diagnostics           Status indication LED         no           Installation   Connection           Mounting set         MT2 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 locking         Nickeled           Coating of fitting         nickel plated           Material sasket         FKM         Properation of the plated           Material Surfew connection         Zinc die-casting           Mechanical data   Mounting data           Mechanical data   Mounting data           Mechanical data   Mounting data           Environmental characteristics   Climatic           Operating temperature m.         25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Conferent           Product standard		
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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 nickel plated  Material group (at 6,0 casting) nickel plated  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 min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Product standard Diln En 61076-2-101 (M12)  Installation   Cable  Cable identification 233  Cable Type 3  Acket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  Wire arrangement before the screwed and the control power, black, blue  No. of bending cycles (C-track) 10 Min. @ 25 °C  10 Min. @ 25 °C  Contoming cycles (C-track) 10 Min. @ 25 °C  Contoming 3 wires twisted	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         I           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         Environmental characteristics   Climatic           Environmental characteristics   Climatic         Coperating temperature min.         -25 °C           Operating temperature max.         8°C         Compensity           Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable           Cable (dentification         233           Cable (total charitication)         233           Cable (Type)         3           Jasket Color         gray           Type of	Installation   Connection	
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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           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           Conformity           Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable         233           Cable Type         3           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stronding         3 wires twisted           wire a rangement         brown, black, blue           No. of bending cycles (C-track)         10 Mio. @ 25 °C	Device protection   Electrical	
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           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           Conformity           Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable         233           Cable Type         3           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stronding         3 wires twisted           wire a rangement         brown, black, blue           No. of bending cycles (C-track)         10 Mio. @ 25 °C	Additional condition protection degree	inserted, screwed
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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       Conformity       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable       Cable identification     233       Cable Type     3       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       No. of bending cycles (C-track)     10 Mio. @ 25 °C	Material group (IEC 60664-1)	l .
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       Conformity       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable       Cable identification     233       Cable Type     3       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       No. of bending cycles (C-track)     10 Mio. @ 25 °C	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 min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity     Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable       Cable identification     233       Cable Type     3       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       No. of bending cycles (C-track)     10 Mio. @ 25 °C		•
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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  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 233  Cable Type 3  Jacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  No. of bending cycles (C-track) 10 Mio. @ 25 °C		
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Additional condition temperature range depending on cable quality  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 233  Cable Type 3  Jacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  No. of bending cycles (C-track) 10 Mio. @ 25 °C	<u> </u>	
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Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  Cable identification 233  Cable Type 3  Jacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  No. of bending cycles (C-track) 10 Mio. @ 25 °C	Additional condition temperature range	depending on cable quality
Cable identification 233  Cable Type 3  Jacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  No. of bending cycles (C-track) 10 Mio. @ 25 °C	Conformity	
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Cable Type 3  Jacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  No. of bending cycles (C-track) 10 Mio. @ 25 °C	Installation   Cable	
Jacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  No. of bending cycles (C-track) 10 Mio. @ 25 °C	Cable identification	233
Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  No. of bending cycles (C-track) 10 Mio. @ 25 °C	Cable Type	3
Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. @ 25 °C	Jacket Color	gray
Stranding 3 wires twisted wire arrangement brown, black, blue No. of bending cycles (C-track) 10 Mio. @ 25 °C	Type of Certificate	cURus
wire arrangement brown, black, blue  No. of bending cycles (C-track) 10 Mio. @ 25 °C	Amount stranding	1
No. of bending cycles (C-track) 10 Mio. @ 25 °C	Stranding	3 wires twisted
Cable weigth 29,7 g/m		
	Cable weigth	29,7 g/m



Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	4,1 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	70 ± 5 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 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C   horizontal
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
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2,5 kV @ 60 s
AC withstand voltage power (wire - wire)	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   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
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 180 °/m