

## M12 female 0° / M12 female 0° A-cod.

PUR 5x0.34 ye UL/CSA+drag ch. 5m

Female straight - female straight M12 - M12, 5-pole

A-coded

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

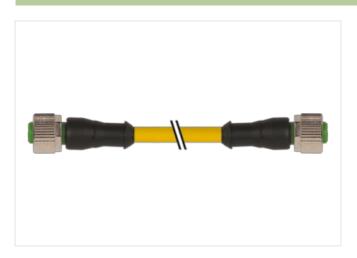
Plastic housings with good resistance against chemicals and oils.

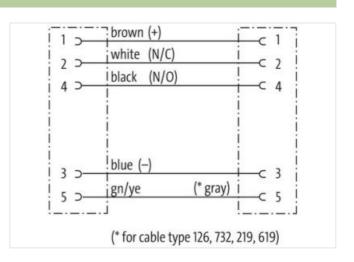
The resistance to aggressive media should be individually tested for your application. Further details on request.

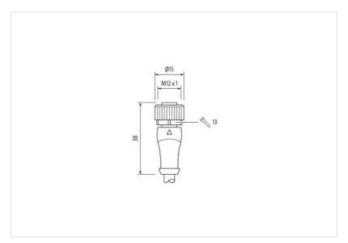
Further cable lengths on request.

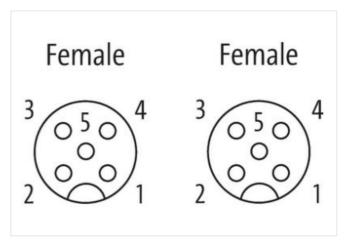
## **Link to Product**

## Illustration









Product may differ from Image













Cable length

5 m

Side 1

Tightening torque

0,6 Nm

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: 2024-05-13



stay connected

Coating contact         gold plated           Family construction form         M12           Throwad         M12 x 1           suitable for corrugated tube (internal Ø)         10 mm           Coding         A           Material contact         Coppor alloy           Material contact         Coppor alloy           No. of poles         5           Width across lists         SW13           Degree of protection (It N IEC 60599)         1995, IPBK, IPBY           Side 2           Tightening torque           Mounting mathod         Inserted, serwed           Coating contact         gold plaused           Family construction form         M12           Thread         M12 x 1           Usual part of corrugated tube (internal Ø)         10 mm           Coding         A           Material contact         Copper alloy           Material contact         Copper alloy           No. of poles         5           ECLASS-0.0         2.7279218           ECLASS-0.0         2.7279218           ECLASS-1.1         2.7006311           ECLASS-1.1         2.7006311           ECLASS-1.1         2.7006311           EC	Mounting method	inserted, screwed
Family construction form   M12 x 1		·
Timend         M12 x 1           suitable for corrugated tube (intental C)         10 mm           Coding         A           Material contact         Copper alloy           Mustrial contact         PUR           No. of poles         5           No. of poles         5           Width across flats         SW13           Degree of protection (EN IEC 60529)         PPS. IP6K. IP67           Side 2         Trapport of protection (EN IEC 60529)           Till Sphaning broup         0.8 Nm           Mounting method         inserted, screwed           Coaling contact         gold plated           Family construction form         M12           Tirroad         M12 x 1           suitable for corrugated tube (internal C)         10 mm           Coding         A           Mustrial contact         Copper alloy           Mustrial contact         Copper alloy           Mustrial contact         Copper alloy           Mount across flats         SW13           Commercial data         PUR           No. of poles         5           Cockass-a.0         22729218           CoLASS-a.0         22729218           CoLASS-a.0         22729218		
Coding         A           Material contact         Copper alluy           No. of poles         5           Width across lists         SW13           Degree of protection (EN IEC 60528)         IP65, IP66K, IP67           Side 2           Tightening butque         0,8 Nm           Mounting method         inserted, screwed           Cealing contact         gold plated           Family construction form         M12           Thread         M12 x 1           suitable for corrupated tube (internal 0)         10 mm           Codding         A           Material contact         Copper alloy           Material contact         Copper alloy           Material contact         Copper alloy           Mon oil poles         5           Width across flats         SW13           Commercial data         SW13           ECLASS-0         27279218           ECLASS-10         27279218           ECLASS-10         27060311           ECLASS-10.1         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-10.1		
Coding         A           Material contact         Copper alluy           No. of poles         5           Width across lists         SW13           Degree of protection (EN IEC 60528)         IP65, IP66K, IP67           Side 2           Tightening butque         0,8 Nm           Mounting method         inserted, screwed           Cealing contact         gold plated           Family construction form         M12           Thread         M12 x 1           suitable for corrupated tube (internal 0)         10 mm           Codding         A           Material contact         Copper alloy           Material contact         Copper alloy           Material contact         Copper alloy           Mon oil poles         5           Width across flats         SW13           Commercial data         SW13           ECLASS-0         27279218           ECLASS-10         27279218           ECLASS-10         27060311           ECLASS-10.1         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-10.1		
Material contact         Copper alloy           Material         PUR           Moder poles         5           Width across flats         SWI3           Degree of protection (EN IEC 60529)         IP65, IP68K, IP67           Side 2           Toghtering torque         0,8 Nm           Mounting methed         inserted, screwed           Coating contact         gold plated           Family construction form         M12           Family construction form         M12 I           Suitable for corrugated tube (internal Ø)         10 mm           Ceding         A           Material contact         Copper alloy           Material contact         Copper alloy           Material         PUR           No. of poles         5           Width across flats         SW13           Commercial data           ECLASS-8.0         27279218           ECLASS-9.0         27279218           ECLASS-9.0         27279218           ECLASS-10.1         27060311           ECLASS-10.1         27060311           ECLASS-10.2         27060311           ECLASS-10.3         27060311           ECLASS-10.4         2706031<		
Material		
No. of poles		
Worth across flats		
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           suitable for corrugated tube (internal Ø)         10 mm           Coding         A           Material contact         Copper alloy           Material contact         Copper alloy           Mod poles         5           Width across flats         SW13           Commercial date           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0.1         27060311           ECLASS-1.1         27060311           ECLASS-1.1.1         27060311           ECLASS-1.2.0         27060311           ECLASS-1.1.1         27060311           ECLASS-1.2.0         27060311           ECLASS-1.1.1         27060311           ECLASS-1.2.0         27060311           ECLASS-1.2.1         27060311           ECLASS-1.2.1         27060311           ECLASS-1.2.2         27060311           ECLASS-		
Mounting method   Inserted, screwed		
Mounting method   Inserted, screwed	Tightening torque	0.6 Nm
Coaling 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 march         PUR           No. of poles         5           Width across flats         SW13           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27796211           ECLASS-9.0         27060311           ECLASS-1.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048679181013           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         125 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL		·
Family construction form   M12		
Thread		
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Coding         A           Material contact         Copper alloy           Material         PUR           No. of poles         5           Width across flats         SW13           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           Customs tariff number         85444290           GTIN         4048879181013           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         125 V           Operating voltage AC max.         125 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Operating voltage AC max.         4 A           Diagnostics         Status indication LED         no           Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical     <		
Material contact         Copper alloy           Material         PUR           No. of poles         5           Width across flats         SW13           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECHASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879181013           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         125 V           Operating voltage AC max.         125 V           Operating voltage AC max.         125 V           Operating voltage DC max.         125 V           Operating voltage AC max.         125 V           Operating voltage DC government max.         4 A           Diagnostics           Status indication LED         no           Installation   Connection         Mulz x 1 <tr< td=""><td></td><td></td></tr<>		
Material         PUR           No. of poles         5           Width across flats         SW13           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           Customs tariff number         85444290           GTIN         4048879181013           Packaging unit         1           Electrical data   Supply         V           Operating voltage AC max.         125 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC max.         4 A           Diagnostics         Status indication LED         no           Installation   Connection         Multi x 1		
No. of poles   5		
Width across flats		
Commercial data	<u>'</u>	
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ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879181013           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         125 V           Operating voltage DC max.         125 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Operating per contact max.         4 A           Diagnostics         Status indication LED           Status indication LED         no           Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection adegree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV		07070010
ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879181013           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         125 V           Operating voltage DC max.         125 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Diagnostics         Status indication LED           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         1,5 kV		
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ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECIMS-2.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879181013           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         125 V           Operating voltage DC max.         125 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Diagnostics         Status indication LED           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         1,5 kV		
ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879181013           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         125 V           Operating voltage DC max.         125 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Operating per contact max.         4 A           Diagnostics         Status indication LED           Status indication   Connection         Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV		
ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879181013           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         125 V           Operating voltage DC max.         125 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           Status indication   Connection         Mounting set           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV		
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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 1,5 kV		125 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 1,5 kV	· · · · · · · · · · · · · · · · · · ·	30 V
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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 1,5 kV	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 1,5 kV	Diagnostics	
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Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV	Installation   Connection	
Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV	Mounting set	M12 x 1
Pollution Degree 3 Rated surge voltage 1,5 kV	Device protection   Electrical	
Rated surge voltage 1,5 kV	Additional condition protection degree	inserted, screwed
	Pollution Degree	3
Material group (IEC 60664-1)	Rated surge voltage	1,5 kV
	Material group (IEC 60664-1)	T. Control of the con
Mechanical data   Material data	Mechanical data   Material data	



stay connected

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
, ,	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	<b>Attention:</b> 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	· •
•	100
Cable identification	126
Cable Type	3
Jacket Color	yellow
Type of Certificate	cURus
Amount stranding	1
Stranding	5 wires around Core filler twisted
Filler	yes
wire arrangement	brown, black, blue, white, gray
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Cable weigth	41,8 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)	4,8 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	5
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
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	57 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 § 1100 FT2   IEC 60332-2-2   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
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min