

## M12 male 90° / M12 female 0° A-cod.

PVC 4x0.34 gy UL/CSA 0.6m

Male 90° – female straight

M12 - M12, 4-pole

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

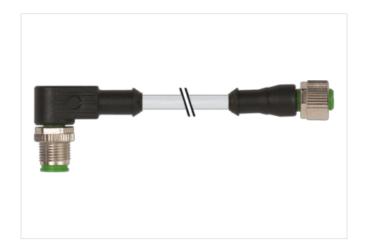
Plastic housings with good resistance against chemicals and oils.

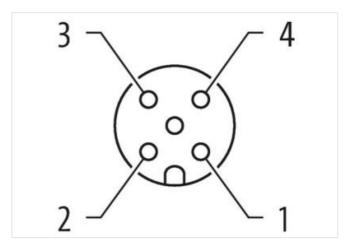
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

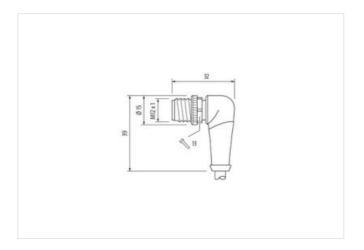
## **Link to Product**

## Illustration



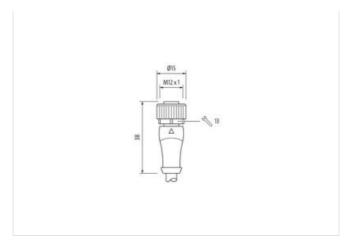


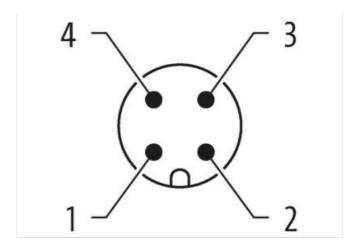






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Product may differ from Image



Cable length





0,6 m







Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP66K, IP67
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	4048879174725
Packaging unit	1



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Electrical data   Supply	
	OFO V
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Operating voltage AC (UL-listed) Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	30 V 4 A
	4 A
Installation   Connection	
Mounting set	M12 x 1
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Material group (IEC 60664-1)	I
Mechanical data   Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data   Mounting data	
	incorted payaged Challing systeation
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	<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	
•	014
Cable identification	214
Cable Type	4
	1
Jacket Color	gray
lacket Color Fype of Certificate	gray cURus
Jacket Color Type of Certificate Amount stranding	gray cURus 1
lacket Color Type of Certificate Amount stranding Stranding	gray cURus 1 4 wires twisted
Jacket Color  Type of Certificate  Amount stranding  Stranding  vire arrangement	gray cURus 1 4 wires twisted brown, black, blue, white
Type of Certificate Amount stranding Stranding vire arrangement Cable weigth	gray cURus 1 4 wires twisted brown, black, blue, white 40,7 g/m
acket Color Type of Certificate Amount stranding Stranding vire arrangement Cable weigth Material jacket	gray cURus  1 4 wires twisted brown, black, blue, white 40,7 g/m PVC
Acket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket	gray cURus  1 4 wires twisted brown, black, blue, white  40,7 g/m PVC  85 ± 5 Shore A
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acket Color Type of Certificate Amount stranding Stranding Vire arrangement Cable weigth Material jacket Shore hardness jacket Greedom from ingredients (jacket) Outer-diameter (jacket)	gray cURus  1 4 wires twisted brown, black, blue, white 40,7 g/m PVC  85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 5 mm
acket Color Type of Certificate Amount stranding Stranding Vire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	gray cURus  1 4 wires twisted brown, black, blue, white  40,7 g/m PVC  85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 5 mm ± 5 %
Amount stranding Stranding Wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Duter-diameter (jacket) Folerance outer diameter (sheath) Material wire insulation	gray cURus  1 4 wires twisted brown, black, blue, white 40,7 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 5 mm ± 5 % PVC
Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Duter-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	gray cURus  1 4 wires twisted brown, black, blue, white 40,7 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 5 mm ± 5 % PVC
Amount stranding Stranding Stranding Stranding Wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Folerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation	gray cURus  1 4 wires twisted brown, black, blue, white 40,7 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 5 mm ± 5 % PVC 4 1,25 mm
Jacket Color  Type of Certificate  Amount stranding  Stranding  wire arrangement  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Duter-diameter (jacket)  Folerance outer diameter (sheath)  Material wire insulation  Amount wires  Duter diameter tolerance core insulation	gray cURus  1 4 wires twisted brown, black, blue, white  40,7 g/m PVC  85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 5 mm ± 5 % PVC  4 1,25 mm ± 5 %
Jacket Color Type of Certificate Amount stranding Stranding Wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Duter-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Duter diameter tolerance core insulation Shore hardness wire insulation	gray cURus  1  4 wires twisted brown, black, blue, white  40,7 g/m PVC  85 ± 5 Shore A  lead-free, cadmium-free, CFC-free, silicone-free 5 mm ± 5 % PVC  4  1,25 mm ± 5 %  45 ± 5 Shore D
Jacket Color  Type of Certificate  Amount stranding  Stranding  wire arrangement  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Duter-diameter (jacket)  Folerance outer diameter (sheath)  Material wire insulation  Amount wires  Duter diameter tolerance core insulation	gray cURus  1 4 wires twisted brown, black, blue, white  40,7 g/m PVC  85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 5 mm ± 5 % PVC  4 1,25 mm ± 5 %



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	4,8 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 § 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