

M12 male 0° / M12 female 90° A-cod.

PVC 4x0.34 gy UL/CSA 30m

Male straight - female 90°

M12 - M12, 4-pole

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

Plastic housings with good resistance against chemicals and oils.

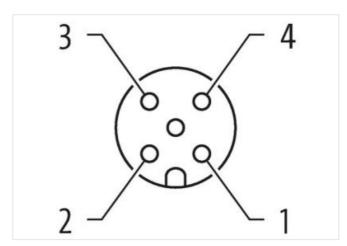
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

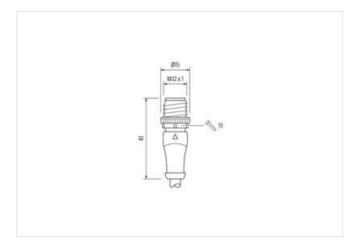
Link to Product

Illustration



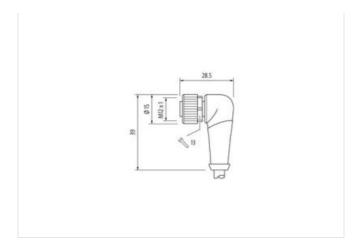


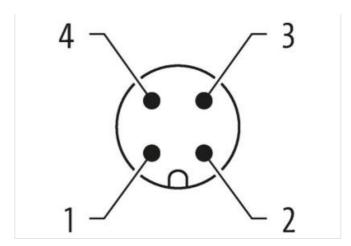






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Product may differ from Image













Cable length	30 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
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, 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
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, 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	4048879178242
Packaging unit	1
Electrical data Supply	



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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
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Material group (IEC 60664-1)	_ <u>:</u>
Mechanical data Material data	
Coating locking	Nickeled
Coating locking	nickel plated
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting Zinc die-casting
	Line the trading
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	214
Cable Type	1
Jacket Color	
	gray
	gray cURus
Type of Certificate	
Type of Certificate Amount stranding	cURus
Type of Certificate Amount stranding Stranding	cURus 1
Type of Certificate Amount stranding Stranding wire arrangement	cURus 1 4 wires twisted brown, black, blue, white
Type of Certificate Amount stranding Stranding wire arrangement Cable weigth	cURus 1 4 wires twisted
Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket	cURus 1 4 wires twisted brown, black, blue, white 40,7 g/m
Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket	cURus 1 4 wires twisted brown, black, blue, white 40,7 g/m PVC
Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	CURus 1 4 wires twisted brown, black, blue, white 40,7 g/m PVC 85 ± 5 Shore A
Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	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
Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	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
Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	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 %
Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	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
Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	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
Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation	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
Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation	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 %
Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation	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
Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation	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 good machinability



Conductor crosssection (wire)	0,34 mm ²
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