

M12 male 90° / M12 female 0° A-cod.

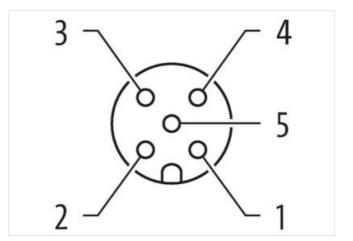
PUR 5x0.34 bk UL/CSA+drag ch. 3m

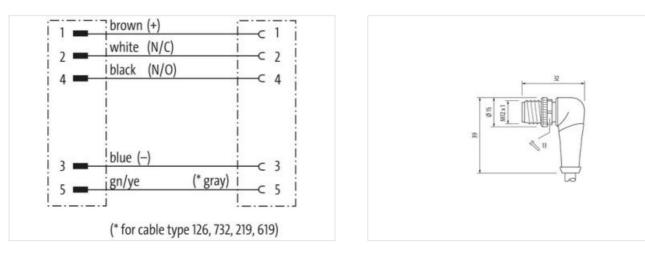
Male 90° – female straight M12 – M12, 5-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product



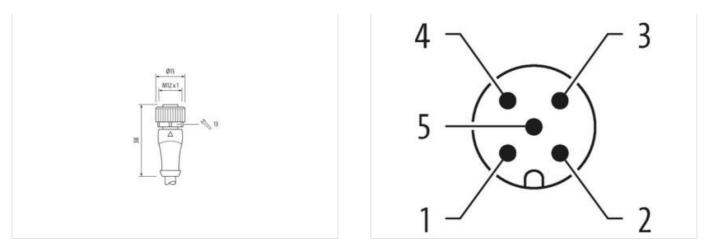






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Product may differ from Image



Cable length	3 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	4048879810685
Packaging unit	1

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Electrical data | Supply

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
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Aaterial group (IEC 60664-1)	
U I X J	•
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	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Dperating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
vote on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Note on bending radius	endangered by excessive bending forces.
Installation Cable	
vire arrangement	brown, black, blue, white, gray
Cable identification	732
Cable Type	
	3
acket Color	3 black
ype of Certificate	black
Type of Certificate Amount stranding	black
ype of Certificate Amount stranding Stranding	black cURus 1
ype of Certificate Amount stranding Stranding Filler	black cURus 1 5 wires around Core filler twisted
ype of Certificate mount stranding Stranding iller vire arrangement	black cURus 1 5 wires around Core filler twisted yes
Type of Certificate Amount stranding Stranding Stranding Viller Vire arrangement Cable weigth	black cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, gray
Type of Certificate Amount stranding Stranding Filler Vire arrangement Cable weigth Material jacket	black cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, gray 41,8 g/m
ype of Certificate Amount stranding Stranding Siller vire arrangement Cable weigth Material jacket Shore hardness jacket	black cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, gray 41,8 g/m PUR
Type of Certificate Amount stranding Stranding Tiller Vire arrangement Cable weigth Material jacket Shore hardness jacket Treedom from ingredients (jacket)	black cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, gray 41,8 g/m PUR 90 ± 5 Shore A
ype of Certificate Amount stranding Stranding Filler vire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	black cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, gray 41,8 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Type of Certificate Amount stranding Stranding Stranding Stranding Stranding Vire arrangement Cable weigth Aterial jacket Shore hardness jacket Freedom from ingredients (jacket) Duter-diameter (jacket) Folerance outer diameter (sheath)	black cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, gray 41,8 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,8 mm
ype of Certificate mount stranding stranding iller vire arrangement Cable weigth Material jacket shore hardness jacket reedom from ingredients (jacket) Outer-diameter (jacket) Folerance outer diameter (sheath) Material wire insulation	black cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, gray 41,8 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 4,8 mm ± 5 %
Type of Certificate Amount stranding Stranding Tiller Tiller Cable weigth Material jacket Shore hardness jacket Treedom from ingredients (jacket) Duter-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	black cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, gray 41,8 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,8 mm ± 5 % PP
Type of Certificate Amount stranding Stranding Tiller Tiller Cable weigth Material jacket Shore hardness jacket Treedom from ingredients (jacket) Duter-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Duter diameter insulation	black cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, gray 41,8 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,8 mm ± 5 % PP 5
Jacket Color Type of Certificate Amount stranding Stranding Filler Wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Duter-diameter (jacket) Colter-diameter (jacket) Material wire insulation Amount wires Duter diameter insulation Duter diameter tolerance core insulation Shore hardness wire insulation	black cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, gray 41,8 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,8 mm ± 5 % PP 5 1,25 mm
Type of Certificate Amount stranding Stranding Filler 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 insulation Duter diameter tolerance core insulation	black cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, gray 41,8 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,8 mm ± 5 % PP 5 1,25 mm ± 5 %
Type of Certificate Amount stranding Stranding Filler 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 insulation Duter diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation	black cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, gray 41,8 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,8 mm ± 5 % PP 5 1,25 mm ± 5 % 70 ± 5 Shore D
Type of Certificate Amount stranding Stranding Filler 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 insulation Duter diameter tolerance core insulation Shore hardness wire insulation	black cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, gray 41,8 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,8 mm ± 5 % PP 5 1,25 mm ± 5 % 70 ± 5 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free

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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
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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