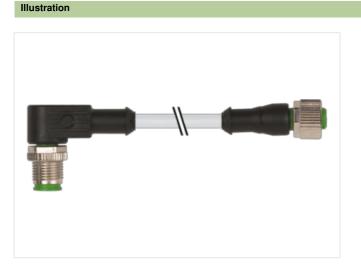


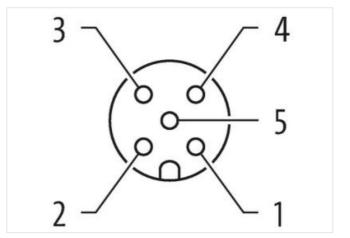
## M12 male 90° / M12 female 0° A-cod.

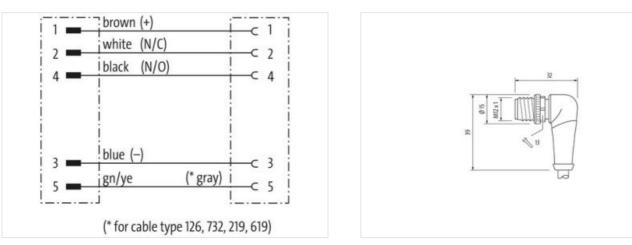
PVC 5x0.34 gy UL/CSA 0.3m

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



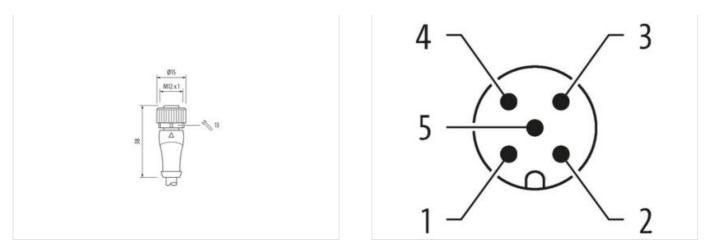




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Product may differ from Image



Cable length	0,3 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	4048879483681
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
Material group (IEC 60664-1)	
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
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.
	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	
wire arrangement	brown, black, blue, white, green-yellow
wire arrangement Cable identification	brown, black, blue, white, green-yellow 215
Cable identification	215
Cable identification Cable Type	215 1
Cable identification Cable Type Jacket Color	215 1 gray
Cable identification Cable Type Jacket Color Type of Certificate	215 1 gray cURus
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding	215 1 gray cURus 1
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding	215   1   gray   cURus   1   5 wires around Core filler twisted
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Filler	215 1 gray cURus 1 5 wires around Core filler twisted yes
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement	215   1   gray   cURus   1   5 wires around Core filler twisted   yes   brown, black, blue, white, green-yellow
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth	215     1     gray     cURus     1     5 wires around Core filler twisted     yes     brown, black, blue, white, green-yellow     48,4 g/m
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket	215     1     gray     cURus     1     5 wires around Core filler twisted     yes     brown, black, blue, white, green-yellow     48,4 g/m     PVC
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket	215     1     gray     cURus     1     5 wires around Core filler twisted     yes     brown, black, blue, white, green-yellow     48,4 g/m     PVC     85 ± 5 Shore A
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	215     1     gray     cURus     1     5 wires around Core filler twisted     yes     brown, black, blue, white, green-yellow     48,4 g/m     PVC     85 ± 5 Shore A     lead-free, cadmium-free, CFC-free, silicone-free
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	215     1     gray     cURus     1     5 wires around Core filler twisted     yes     brown, black, blue, white, green-yellow     48,4 g/m     PVC     85 ± 5 Shore A     lead-free, cadmium-free, CFC-free, silicone-free     5,2 mm
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	215     1     gray     cURus     1     5 wires around Core filler twisted     yes     brown, black, blue, white, green-yellow     48,4 g/m     PVC     85 ± 5 Shore A     lead-free, cadmium-free, CFC-free, silicone-free     5,2 mm     ± 5 %
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	215     1     gray     cURus     1     5 wires around Core filler twisted     yes     brown, black, blue, white, green-yellow     48,4 g/m     PVC     85 ± 5 Shore A     lead-free, cadmium-free, CFC-free, silicone-free     5,2 mm     ± 5 %     PVC
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Filler 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	215     1     gray     cURus     1     5 wires around Core filler twisted     yes     brown, black, blue, white, green-yellow     48,4 g/m     PVC     85 ± 5 Shore A     lead-free, cadmium-free, CFC-free, silicone-free     5,2 mm     ± 5 %     PVC     5
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Filler 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	215     1     gray     cURus     1     5 wires around Core filler twisted     yes     brown, black, blue, white, green-yellow     48,4 g/m     PVC     85 ± 5 Shore A     lead-free, cadmium-free, CFC-free, silicone-free     5,2 mm     ± 5 %     PVC     5     1,25 mm
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Filler 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	215     1     gray     cURus     1     5 wires around Core filler twisted     yes     brown, black, blue, white, green-yellow     48,4 g/m     PVC     85 ± 5 Shore A     lead-free, cadmium-free, CFC-free, silicone-free     5,2 mm     ± 5 %     PVC     5     1,25 mm     ± 5 %
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (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	215     1     gray     cURus     1     5 wires around Core filler twisted     yes     brown, black, blue, white, green-yellow     48,4 g/m     PVC     85 ± 5 Shore A     lead-free, cadmium-free, CFC-free, silicone-free     5,2 mm     ± 5 %     PVC     5     1,25 mm     ± 5 %     45 ± 5 Shore D
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (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	215     1     gray     cURus     1     5 wires around Core filler twisted     yes     brown, black, blue, white, green-yellow     48,4 g/m     PVC     85 ± 5 Shore A     lead-free, cadmium-free, CFC-free, silicone-free     5,2 mm     ± 5 %     PVC     5     1,25 mm     ± 5 %     45 ± 5 Shore D     good machinability

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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	4,5 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)	0° 08
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	0° 08
Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   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

Bending radius (dynamic)

10 x Outer diameter

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