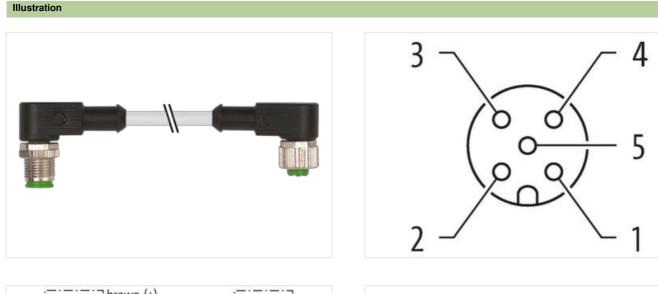


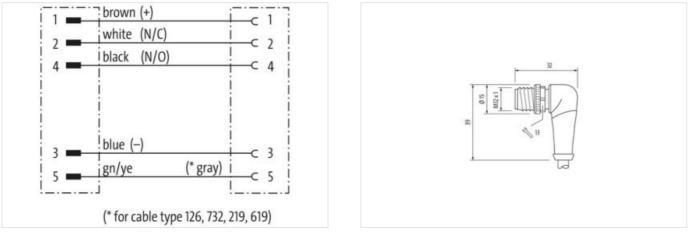
M12 male 90° / M12 female 90° A-cod.

PUR 5x0.34 gy UL/CSA+robot+drag ch. 1m

Male 90° – female 90° 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

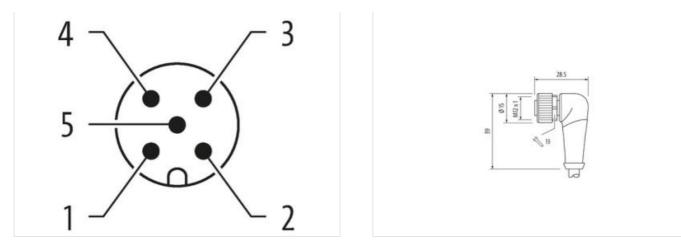




The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-18

Murrelektronik B.V. | Takkebijsters 3 | 4817 BL Breda | Fon 085-22 20 282 | Fax 085-22 20 283 | shop@murrelektronik.nl | shop.murrelektronik.nl





Product may differ from Image



Cable length	1 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 \emptyset)	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	4048879418140
Packaging unit	1

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: 2024-05-18

Murrelektronik B.V. | Takkebijsters 3 | 4817 BL Breda | Fon 085-22 20 282 | Fax 085-22 20 283 | shop@murrelektronik.nl | shop.murrelektronik.nl



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)	I
Mechanical data Material data	
Coating locking	safe-cover coated
Coating of fitting	nickel plated
_ocking 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	
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.
ů –	changerea by excessive behang forees.
Installation Cable	
· · · · · · · · · · · · · · · · · · ·	255
Cable identification	
Installation Cable Cable identification Cable Type Jacket Color	255
Cable identification Cable Type Jacket Color	255 5
Cable identification Cable Type Jacket Color Type of Certificate	255 5 gray
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding	255 5 gray cURus
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding	255 5 gray cURus 1
Cable identification Cable Type lacket Color Type of Certificate Amount stranding Stranding Filler	255 5 gray cURus 1 5 wires around Core filler twisted
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Filler vire arrangement Cable weigth	255 5 gray cURus 1 5 wires around Core filler twisted yes
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Filler vire arrangement Cable weigth	255 5 gray cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, green-yellow 41,8 g/m PUR
Cable identification Cable Type lacket Color Type of Certificate Amount stranding Stranding Stranding Filler vire arrangement Cable weigth Material jacket Shore hardness jacket	255 5 gray cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, green-yellow 41,8 g/m PUR 58 ± 3 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)	255 5 gray cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, green-yellow 41,8 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Cable identification Cable Type Cable Type Cacket Color Type of Certificate Amount stranding Stranding Filler Vire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Duter-diameter (jacket)	255 5 gray cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, green-yellow 41,8 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5 mm
Cable identification Cable Type Cable Type Cacket Color Type of Certificate Amount stranding Stranding Filler Vire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Duter-diameter (jacket) Folerance outer diameter (sheath)	255 5 gray cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, green-yellow 41,8 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5 mm ± 5 %
Cable identification Cable Type Cacket Color Type of Certificate Amount stranding Stranding Stranding Filler vire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Duter-diameter (jacket) Colerance outer diameter (sheath) Material wire insulation	255 5 gray cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, green-yellow 41,8 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5 mm ± 5 % PP
Cable identification Cable Type Packet Color Type of Certificate Amount stranding Stranding Stranding Filler vire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Duter-diameter (jacket) Colerance outer diameter (sheath) Material wire insulation Amount wires	255 5 gray cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, green-yellow 41,8 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5 mm ± 5 % PP 5
Cable identification Cable Type Cable Type Cacket Color Type of Certificate Amount stranding Stranding Filler Vire arrangement Cable weigth Material jacket Shore hardness jacket Shore hardness jacket Ereedom from ingredients (jacket) Duter-diameter (jacket) Folerance outer diameter (sheath) Material wire insulation Amount wires Duter diameter insulation	255 5 gray cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, green-yellow 41,8 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5 mm ± 5 % PP 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) Duter-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Duter diameter insulation Duter diameter tolerance core insulation	255 5 gray cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, green-yellow 41,8 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5 mm ± 5 % PP 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) Duter-diameter (jacket) Folerance outer diameter (sheath) Material wire insulation Amount wires Duter diameter insulation Duter diameter tolerance core insulation Shore hardness wire insulation	255 5 gray cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, green-yellow 41,8 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5 mm ± 5 % PP 5 1,25 mm ± 5 % 74 ± 3 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) Duter-diameter (jacket) Cuter-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	255 5 gray cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, green-yellow 41,8 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5 mm ± 5 % PP 5 1,25 mm ± 5 % 74 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-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) Duter-diameter (jacket) Colter-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Duter diameter insulation Duter diameter tolerance core insulation Shore hardness wire insulation Shore hardness wire insulation Amount strands (wire)	255 5 gray cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, green-yellow 41,8 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5 mm ± 5 % PP 5 1,25 mm ± 5 % 74 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 42
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) Duter-diameter (jacket) Cuter-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	255 5 gray cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, green-yellow 41,8 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5 mm ± 5 % PP 5 1,25 mm ± 5 % 74 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free

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: 2024-05-18

Murrelektronik B.V. | Takkebijsters 3 | 4817 BL Breda | Fon 085-22 20 282 | Fax 085-22 20 283 | shop@murrelektronik.nl | shop.murrelektronik.nl



Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C horizontal
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	60 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 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
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	1 Mio.
Torsion stress	± 360 °/m
Torsion speed	35 cycles/min

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: 2024-05-18 Murrelektronik B.V. | Takkebijsters 3 | 4817 BL Breda | Fon 085-22 20 282 | Fax 085-22 20 283 | shop@murrelektronik.nl | shop.murrelektronik.nl