

M12 male 0° / M12 female 0° A-cod.

PUR 5x0.34 or UL/CSA+robot+drag ch. 12.5m

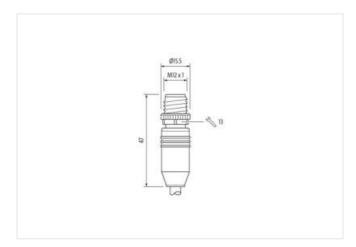
Male straight – female straight M12 – M12, 5-pole A-coded Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.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

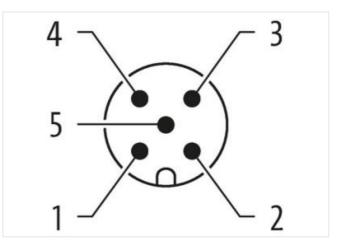
Link to Product

Illustration

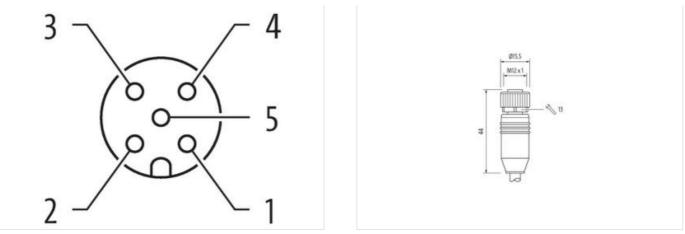


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4	ВК	(4
5	GY	









Product may differ from Image



Cable length	12,5 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	Α
Material	PUR
No. of poles	5
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Fightening torque	0,6 Nm
Mounting method	inserted, screwed
amily construction form	M12
Thread	M12 x 1
Coding	A
Material	PUR
No. of poles	5
Width across flats	SW13
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	4048879806497
Packaging unit	1

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Electrical data Supply	
Operating voltage AC max.	125 V
Operating voltage DC max.	125 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
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	
Mechanical data Material data	
Coating locking	safe-cover coated
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	
Mounting method	incorted scrowed Shaking protection
	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	
Conformity Product standard	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Product standard	
Product standard Installation Cable	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Product standard Installation Cable Cable identification	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 488
Product standard Installation Cable Cable identification Cable Type Jacket Color	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 488 5
Product standard Installation Cable Cable identification Cable Type	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 488 5 orange
Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 488 5 orange cURus
Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 488 5 orange cURus 1
Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 488 5 orange cURus 1 5 wires around Core filler twisted
Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Filler	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 488 5 orange cURus 1 5 wires around Core filler twisted yes
Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 488 5 orange cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, gray
Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 488 5 orange cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, gray 71,5 g/m
Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 488 5 orange cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, gray 71,5 g/m PUR
Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 488 5 orange cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, gray 71,5 g/m PUR 58 ± 3 Shore D
Product standard Installation Cable 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)	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 488 5 orange cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, gray 71,5 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Product standard Installation Cable 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)	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 488 5 orange cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, gray 71,5 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 6,5 mm
Product standard Installation Cable 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)	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 488 5 orange cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, gray 71,5 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 6,5 mm ± 5 %
Product standard Installation Cable 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	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 488 5 orange cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, gray 71,5 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 6,5 mm ± 5 % PP
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Product standard Installation Cable 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	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 488 5 orange cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, gray 71,5 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 6,5 mm ± 5 % PP 5 1,25 mm
Product standard Installation Cable 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 tolerance core insulation	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 488 5 orange cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, gray 71,5 g/m PUR 58 ± 3 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 6,5 mm ± 5 % PP 5 1,25 mm ± 5 %
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Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
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 § 1100 FT2 UL 1581 § 1090 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
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	1 Mio.
Torsion stress	± 360 °/m
Torsion speed	35 cycles/min

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