

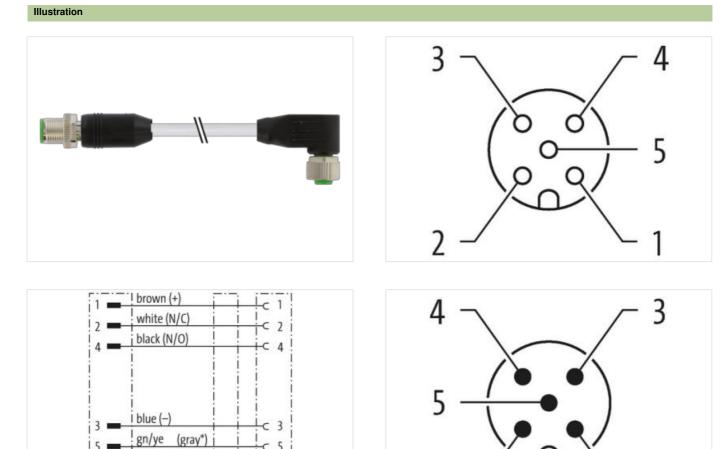
2

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

PUR 5x0.34 shielded gy UL/CSA+drag ch. 8.3m

Male straight – female 90° M12 – M12, 5-pole shielded 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

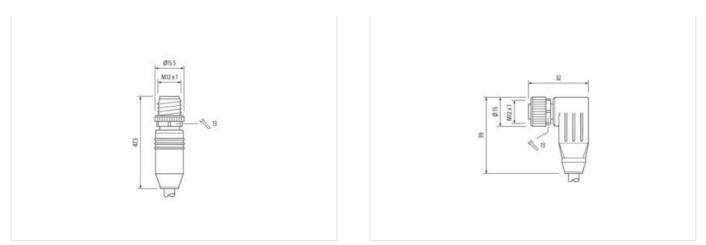


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shield

(* for cable type 203, 603, 243, 643)





Product may differ from Image



Cable length	8,3 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	A
Material	PUR
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	4048879574594
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	60 V

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Operating voltage DC max.	60 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
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	
Mechanical data	
Contour for corrugated hose	without
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Material gasket	FKM
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	
	inserted coround Challing protection
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.
Installation Cable	
Installation Cable	243
	243 3
Cable identification	
Cable identification Cable Type	3
Cable identification Cable Type Jacket Color	3 gray
Cable identification Cable Type Jacket Color Type of Certificate	3 gray cURus
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding	3 gray cURus 1
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding	3 gray cURus 1 5 wires around Core filler twisted
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Cable shielding (type)	3 gray cURus 1 5 wires around Core filler twisted copper braid, tinned
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Cable shielding (type) Cable shielding (coverage)	3 gray cURus 1 5 wires around Core filler twisted copper braid, tinned 80 %
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Cable shielding (type) Cable shielding (coverage) Banding	3 gray cURus 1 5 wires around Core filler twisted copper braid, tinned 80 % Fleece, Foil
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Cable shielding (type) Cable shielding (coverage) Banding Filler	3 gray cURus 1 5 wires around Core filler twisted copper braid, tinned 80 % Fleece, Foil yes
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement	3 gray cURus 1 5 wires around Core filler twisted copper braid, tinned 80 % Fleece, Foil yes brown, black, blue, white, gray
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement Cable weigth Material jacket	3 gray cURus 1 5 wires around Core filler twisted copper braid, tinned 80 % Fleece, Foil yes brown, black, blue, white, gray 57,2 g/m
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement Cable weigth	3 gray cURus 1 5 wires around Core filler twisted copper braid, tinned 80 % Fleece, Foil yes brown, black, blue, white, gray 57,2 g/m PUR
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	3 gray cURus 1 5 wires around Core filler twisted copper braid, tinned 80 % Fleece, Foil yes brown, black, blue, white, gray 57,2 g/m PUR 90 ± 5 Shore A
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket	3 gray cURus 1 5 wires around Core filler twisted copper braid, tinned 80 % Fleece, Foil yes brown, black, blue, white, gray 57,2 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	3 gray cURus 1 5 wires around Core filler twisted copper braid, tinned 80 % Fleece, Foil yes brown, black, blue, white, gray 57,2 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5,6 mm
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	3 gray cURus 1 5 wires around Core filler twisted copper braid, tinned 80 % Fleece, Foil yes brown, black, blue, white, gray 57,2 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5,6 mm ± 5 %
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	3 gray cURus 1 5 wires around Core filler twisted copper braid, tinned 80 % Fleece, Foil yes brown, black, blue, white, gray 57,2 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5,6 mm ± 5 % PP
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Cable shielding (type) Cable shielding (coverage) Banding 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	3 gray cURus 1 5 wires around Core filler twisted copper braid, tinned 80 % Fleece, Foil yes brown, black, blue, white, gray 57,2 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5,6 mm ± 5 % PP 5

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Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm ²
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	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 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	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
Travel speed (C-track)	5 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min