

M8 male 0° / M12 female 0° A-cod.

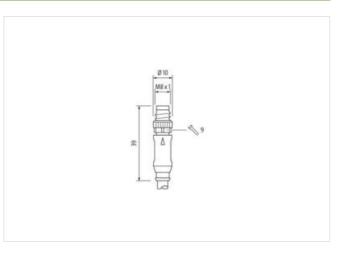
PUR 4x0.25 bk UL/CSA 6m

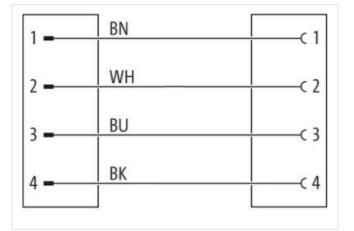
Male straight – female straight M8 – M12, 4-pole M12, A-coded Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

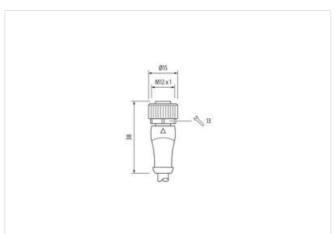
Link to Product

Illustration



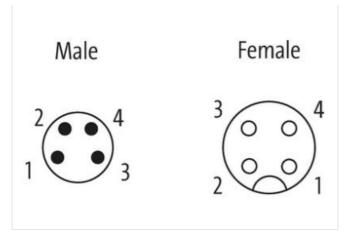






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-30





Product may differ from Image



Cable length	6 m
Side 1	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal \emptyset)	6,5 mm
Coding	A
Material contact	Copper alloy
No. of poles	4
Width across flats	SW9
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material contact	Copper alloy
No. of poles	4
Width across flats	SW13
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	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

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: 2024-04-30



ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879687249
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	50 V
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
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	
Mechanical data Material data	
•	Niakalad
Coating locking	Nickeled
Material gasket Material housing	FKM PUR
Locking material	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
Conformity	
	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Conformity	
Conformity Product standard	
Conformity Product standard Installation Cable	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Conformity Product standard Installation Cable Cable identification	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 621
Conformity Product standard Installation Cable Cable identification Cable Type	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 621 2
Conformity 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) 621 2 black
Conformity 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) 621 2 black cURus
Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 621 2 black cURus 1 4 wires twisted brown, black, blue, white
Conformity Product standard Installation Cable Cable identification Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 621 2 black cURus 1 4 wires twisted brown, black, blue, white 32,01 g/m
Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 621 2 black cURus 1 4 wires twisted brown, black, blue, white 32,01 g/m PUR
Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 621 2 black cURus 1 4 wires twisted brown, black, blue, white 32,01 g/m PUR 85 ± 5 Shore A
ConformityProduct standardInstallation CableCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 621 2 black cURus 1 4 wires twisted brown, black, blue, white 32,01 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free
ConformityProduct standardInstallation CableCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 621 2 black cURus 1 4 wires twisted brown, black, blue, white 32,01 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,6 mm
ConformityProduct standardInstallation CableCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 621 2 black cURus 1 4 wires twisted brown, black, blue, white 32,01 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,6 mm ± 5 %
ConformityProduct standardInstallation CableCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom 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) 621 2 black cURus 1 4 wires twisted brown, black, blue, white 32,01 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,6 mm ± 5 % PVC
ConformityProduct standardInstallation CableCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material wire insulationAmount wires	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 621 2 black cURus 1 4 wires twisted brown, black, blue, white 32,01 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,6 mm ± 5 % PVC 4
ConformityProduct standardInstallation CableCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material wire insulationAmount wiresOuter diameter insulation	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 621 2 black cURus 1 4 wires twisted brown, black, blue, white 32,01 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,6 mm ± 5 % PVC 4 1,25 mm
ConformityProduct standardInstallation CableCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material wire insulationAmount wiresOuter diameter tolerance core insulation	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 621 2 black cURus 1 4 wires twisted brown, black, blue, white 32,01 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,6 mm ± 5 % PVC 4 1,25 mm ± 5 %
ConformityProduct standardInstallation CableCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material wire insulationAmount wiresOuter diameter tolerance core insulationShore hardness wire insulation	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 621 2 black cURus 1 4 wires twisted brown, black, blue, white 32,01 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,6 mm ± 5 % PVC 4 1,25 mm ± 5 % 43 ± 5 Shore D
ConformityProduct standardInstallation CableCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material wire insulationAmount wiresOuter diameter tolerance core insulationShore hardness wire insulationMaterial properties wire insulation	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 621 2 black cURus 1 4 wires twisted brown, black, blue, white 32,01 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,6 mm ± 5 % PVC 4 1,25 mm ± 5 % Shore D good machinability
ConformityProduct standardInstallation CableCable identificationCable TypeJacket ColorType of CertificateAmount strandingStrandingwire arrangementCable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material wire insulationAmount wiresOuter diameter tolerance core insulationShore hardness wire insulation	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8) 621 2 black cURus 1 4 wires twisted brown, black, blue, white 32,01 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,6 mm ± 5 % PVC 4 1,25 mm ± 5 % 43 ± 5 Shore D

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: 2024-04-30



Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C horizontal
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3,6 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2 UL 1581 § 1090 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)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter

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: 2024-04-30