

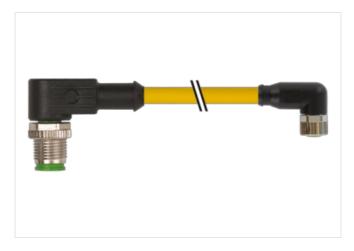
M12 male 90° / M8 female 90° A-cod.

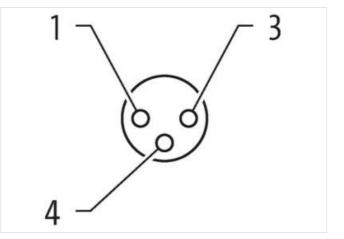
PVC 3x0.25 ye UL/CSA 1m

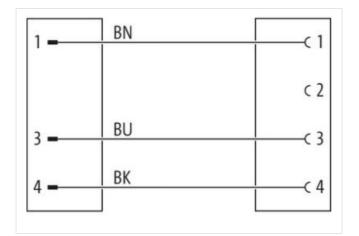
Male 90° – female 90° M12 – M8, 3-pole Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

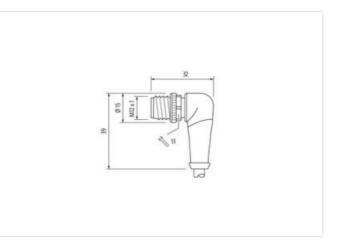
## Link to Product

## Illustration



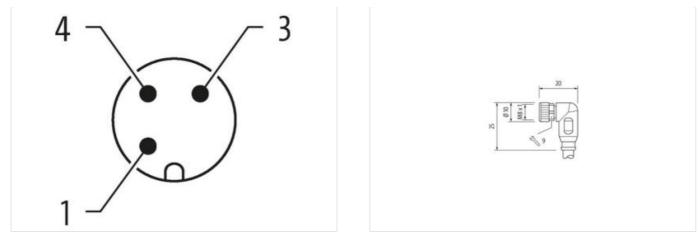






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Product may differ from Image



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
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP66K, IP67
Side 2	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal $\emptyset$ )	6,5 mm
Material	PUR
Width across flats	SW9
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	4048879417617
Packaging unit	1
Electrical data   Supply	

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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	
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	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
Conformity	
Product standard	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Installation   Cable	
Cable identification	010
Cable Type	1
Jacket Color	yellow
Jackel COIDI	YEIIOW
Type of Certificate	-
Type of Certificate	cURus
Amount stranding	cURus 1
Amount stranding Stranding	cURus 1 3 wires twisted
Amount stranding Stranding wire arrangement	cURus 1 3 wires twisted brown, black, blue
Amount stranding Stranding wire arrangement Cable weigth	cURus 1 3 wires twisted brown, black, blue 29,37 g/m
Amount stranding Stranding wire arrangement Cable weigth Material jacket	cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC
Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket	cURus         1         3 wires twisted         brown, black, blue         29,37 g/m         PVC         85 ± 5 Shore A
Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)	cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free
Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)	cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,5 mm
Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)	cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,5 mm ± 5 %
Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation	cURus         1         3 wires twisted         brown, black, blue         29,37 g/m         PVC         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         4,5 mm         ± 5 %         PVC
Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)	cURus         1         3 wires twisted         brown, black, blue         29,37 g/m         PVC         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         4,5 mm         ± 5 %         PVC         3
Amount stranding         Stranding         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	cURus         1         3 wires twisted         brown, black, blue         29,37 g/m         PVC         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         4,5 mm         ± 5 %         PVC
Amount stranding         Stranding         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	cURus         1         3 wires twisted         brown, black, blue         29,37 g/m         PVC         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         4,5 mm         ± 5 %         PVC         3         1,25 mm         ± 5 %
Amount stranding         Stranding         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	cURus 1 3 wires twisted brown, black, blue 29,37 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 4,5 mm ± 5 % PVC 3 1,25 mm
Amount stranding         Stranding         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         Shore hardness wire insulation	cURus         1         3 wires twisted         brown, black, blue         29,37 g/m         PVC         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         4,5 mm         ± 5 %         PVC         3         1,25 mm         ± 5 %         45 ± 5 Shore D
Amount stranding         Stranding         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         Outer diameter tolerance core insulation         Shore hardness wire insulation         Material properties wire insulation	cURus         1         3 wires twisted         brown, black, blue         29,37 g/m         PVC         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         4,5 mm         ± 5 %         PVC         3         1,25 mm         ± 5 %         45 ± 5 Shore D         good machinability
Amount stranding         Stranding         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         Shore hardness wire insulation         Material properties wire insulation         Ingredient freeness wire insulation	cURus         1         3 wires twisted         brown, black, blue         29,37 g/m         PVC         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         4,5 mm         ± 5 %         PVC         3         1,25 mm         ± 5 %         45 ± 5 Shore D         good machinability         lead-free, cadmium-free, CFC-free, silicone-free
Amount stranding         Stranding         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         Shore hardness wire insulation         Material properties wire insulation         Material properties wire insulation         Amount strands (wire)	cURus         1         3 wires twisted         brown, black, blue         29,37 g/m         PVC         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         4,5 mm         ± 5 %         PVC         3         1,25 mm         ± 5 %         9VC         3         1,25 mm         ± 5 %         45 ± 5 Shore D         good machinability         lead-free, cadmium-free, CFC-free, silicone-free         14
Amount stranding         Stranding         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         Shore hardness wire insulation         Material properties wire insulation         Material properties wire insulation         Material properties wire insulation         Material properties wire insulation         Diameter of single wires	cURus         1         3 wires twisted         brown, black, blue         29,37 g/m         PVC         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         4,5 mm         ± 5 %         PVC         3         1,25 mm         ± 5 %         9VC         3         1,25 mm         ± 5 %         45 ± 5 Shore D         good machinability         lead-free, cadmium-free, CFC-free, silicone-free         14         0,15 mm
Amount stranding         Stranding         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         Outer diameter tolerance core insulation         Shore hardness wire insulation         Material properties wire insulation         Material properties wire insulation         Material properties wire insulation         Diameter of single wires         Conductor crosssection (wire)	cURus         1         3 wires twisted         brown, black, blue         29,37 g/m         PVC         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         4,5 mm         ± 5 %         PVC         3         1,25 mm         ± 5 %         9VC         3         1,25 mm         ± 5 %         45 ± 5 Shore D         good machinability         lead-free, cadmium-free, CFC-free, silicone-free         14         0,15 mm         0,25 mm <sup>2</sup>
Amount stranding         Stranding         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         Outer diameter tolerance core insulation         Shore hardness wire insulation         Material properties wire insulation         Material properties wire insulation         Amount strands (wire)         Diameter of single wires         Conductor crosssection (wire)         Material conductor wire	cURus         1         3 wires twisted         brown, black, blue         29,37 g/m         PVC         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         4,5 mm         ± 5 %         PVC         3         1,25 mm         ± 5 %         9VC         3         1,25 mm         ± 5 %         45 ± 5 Shore D         good machinability         lead-free, cadmium-free, CFC-free, silicone-free         14         0,15 mm         0,25 mm <sup>2</sup> Stranded copper wire, bare
Amount stranding         Stranding         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         Outer diameter tolerance core insulation         Shore hardness wire insulation         Material properties wire insulation         Ingredient freeness wire insulation         Amount strands (wire)         Diameter of single wires         Conductor crosssection (wire)         Material conductor wire         Conductor type (wire)	cURus         1         3 wires twisted         brown, black, blue         29,37 g/m         PVC         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         4,5 mm         ± 5 %         PVC         3         1,25 mm         ± 5 %         9VC         3         1,25 mm         ± 5 %         45 ± 5 Shore D         good machinability         lead-free, cadmium-free, CFC-free, silicone-free         14         0,15 mm         0,25 mm²         Stranded copper wire, bare         Strand class 5
Amount stranding         Stranding         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         Outer diameter tolerance core insulation         Shore hardness wire insulation         Material properties wire insulation         Material properties wire insulation         Ingredient freeness wire insulation         Amount strands (wire)         Diameter of single wires         Conductor crosssection (wire)         Material conductor wire         Conductor type (wire)         Current load capacity (standard)	cURus         1         3 wires twisted         brown, black, blue         29,37 g/m         PVC         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, silicone-free         4,5 mm         ± 5 %         PVC         3         1,25 mm         ± 5 %         45 ± 5 Shore D         good machinability         lead-free, cadmium-free, CFC-free, silicone-free         14         0,15 mm         0,25 mm²         Stranded copper wire, bare         Strande copper wire, bare         Strand class 5         to DIN VDE 0298-4

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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
Flame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   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

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