

## M12 male 0° / M8 female 90° A-cod. LED

PUR 3x0.25 bk UL/CSA+drag ch. 2.2m

Male straight – female 90°

M12 - M8, 3-pole

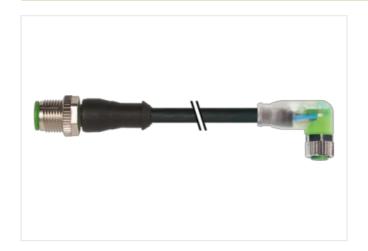
LED (yellow/green)

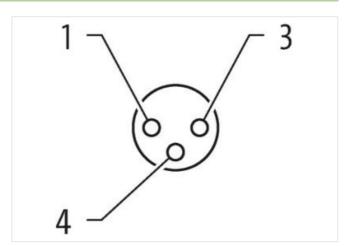
Plastic housings with good resistance against chemicals and oils.

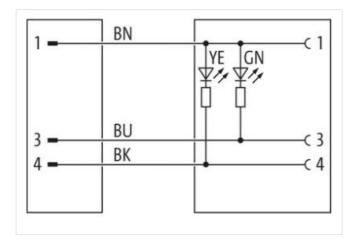
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

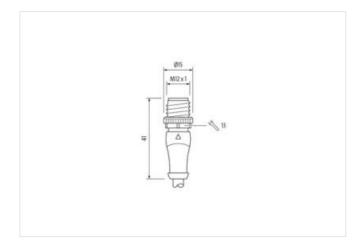
## **Link to Product**

## Illustration



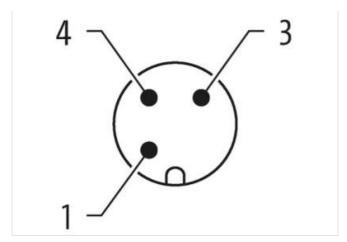


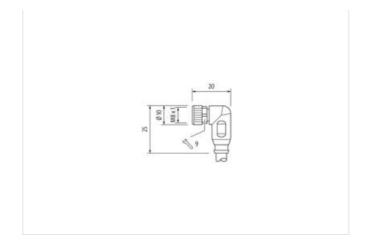






## stay connected





Product may differ from Image











Mounting method inserted, screwed Coating contact gold plated Family construction form M12 Thread M12 x 1  Suitable for corrugated tube (internal Ø) 10 mm Material contact Copper alloy Material PUR No. of poles 3  Width across flats SW13  Degree of protection (EN IEC 60529) IP66K, IP67  Side 2  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 Ø) 6,5 mm Material contact corrugated tube (internal Ø) 6,5 mm Material contact Copper alloy Material PUR No. of poles 3  Width across flats SW9  Degree of protection (EN IEC 60529) IP66K, IP67  Commercial data  ECLASS-1.0 27279218  ECLASS-1.0.1 27060311	Cable length	2,2 m
Mounting method inserted, screwed Coating contact gold plated Family construction form M12 Thread M12 x 1  suitable for corrugated tube (internal Ø) 10 mm Material contact Copper alloy Material PUR No. of poles 3  Width across flats SW13 Degree of protection (EN IEC 60529) IP66K, IP67  Side 2  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 Ø) 6.5 mm Material contact corrugated tube (internal Ø) 6.5 mm Material contact Copper alloy Material PUR No. of poles 3  Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67  Commercial data  ECLASS-6.0 27279218 ECLASS-6.0 27279218 ECLASS-10.1 27060311	Side 1	
Coating contact         gold plated           Family construction form         M12           Thread         M12 x 1           suitable for corrugated tube (internal Ø)         10 mm           Material contact         Copper alloy           Material         PUR           No. of poles         3           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP66K, IP67           Side 2           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 Ø)         6,5 mm           Material contact         Copper alloy           Material contact         Copper alloy           Material contact         Copper alloy           Mounting across flats         SW9           Degree of protection (EN IEC 60529)         IP66K, IP67           Commercial data         ECLASS-6.0           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1	Tightening torque	0,6 Nm
Family construction form         M12           Thread         M12 x 1           suitable for corrugated tube (internal Ø)         10 mm           Material contact         Copper alloy           Material         PUR           No. of poles         3           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP66K, IP67           Side 2           Tightening torque           Mounting method         inserted, screwed           Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           suitable for corrugated tube (internal Ø)         6,5 mm           Material contact         Copper alloy           Material         PUR           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP66K, IP67           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311	Mounting method	inserted, screwed
M12 x 1	Coating contact	gold plated
suitable for corrugated tube (internal Ø)         10 mm           Material contact         Copper alloy           Material         PUR           No. of poles         3           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP66K, IP67           Side 2           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 Ø)         6,5 mm           Material contact         Copper alloy           Material         PUR           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP66K, IP67           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311	Family construction form	M12
Material contact         Copper alloy           Material         PUR           No. of poles         3           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP66K, IP67           Side 2           Tightening torque           Mounting method         inserted, screwed           Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           suitable for corrugated tube (internal Ø)         6,5 mm           Material contact         Copper alloy           Material         PUR           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP66K, IP67           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311	Thread	M12 x 1
Material PUR No. of poles 3 Width across flats SW13 Degree of protection (EN IEC 60529) IP66K, IP67  Side 2  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 Ø) 6,5 mm Material contact Copper alloy Material PUR No. of poles 3 No. of poles 3 Sw9 Degree of protection (EN IEC 60529) IP66K, IP67  Commercial data  ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311  ECLASS-10.1 27060311	suitable for corrugated tube (internal Ø)	10 mm
No. of poles 3 Width across flats SW13 Degree of protection (EN IEC 60529) IP66K, IP67  Side 2 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 Ø) 6,5 mm Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP66K, IP67  Commercial data  ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27260311  ECLASS-10.1 27060311	Material contact	Copper alloy
Width across flats         SW13           Degree of protection (EN IEC 60529)         IP66K, IP67           Side 2         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 Ø)         6,5 mm           Material contact         Copper alloy           Material         PUR           No. of poles         3           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	Material	PUR
Degree of protection (EN IEC 60529)         IP66K, IP67           Side 2         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 Ø)         6,5 mm           Material contact         Copper alloy           Material         PUR           No. of poles         3           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	No. of poles	3
Side 2           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 Ø)         6,5 mm           Material contact         Copper alloy           Material         PUR           No. of poles         3           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	Width across flats	SW13
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 Ø)         6,5 mm           Material contact         Copper alloy           Material         PUR           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP66K, IP67           Commercial data         ECLASS-6.0           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311	Degree of protection (EN IEC 60529)	IP66K, IP67
Mounting method inserted, screwed  Coating contact gold plated  Family construction form M8  Thread M8 x 1  suitable for corrugated tube (internal Ø) 6,5 mm  Material contact Copper alloy  Material PUR  No. of poles 3  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	Side 2	
Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           suitable for corrugated tube (internal Ø)         6,5 mm           Material contact         Copper alloy           Material         PUR           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP66K, IP67           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311	Tightening torque	0,4 Nm
Family construction form M8  Thread M8 x 1  suitable for corrugated tube (internal Ø) 6,5 mm  Material contact Copper alloy  Material PUR  No. of poles 3  Width across flats SW9  Degree of protection (EN IEC 60529) IP66K, IP67  Commercial data  ECLASS-6.0 27279218  ECLASS-7.0 27279218  ECLASS-9.0 27060311  ECLASS-9.0 27060311	Mounting method	inserted, screwed
Thread         M8 x 1           suitable for corrugated tube (internal Ø)         6,5 mm           Material contact         Copper alloy           Material         PUR           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP66K, IP67           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311	Coating contact	gold plated
suitable for corrugated tube (internal Ø)         6,5 mm           Material contact         Copper alloy           Material         PUR           No. of poles         3           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	Family construction form	M8
Material contact         Copper alloy           Material         PUR           No. of poles         3           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	Thread	M8 x 1
Material       PUR         No. of poles       3         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	suitable for corrugated tube (internal $\emptyset$ )	6,5 mm
No. of poles 3 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	Material contact	Copper alloy
Width across flats         SW9           Degree of protection (EN IEC 60529)         IP66K, IP67           Commercial data         ECLASS-6.0           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311	Material	PUR
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	No. of poles	
Commercial data       ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060311       ECLASS-10.1     27060311	Width across flats	SW9
ECLASS-6.0 27279218  ECLASS-7.0 27279218  ECLASS-8.0 27279218  ECLASS-9.0 27060311  ECLASS-10.1 27060311	Degree of protection (EN IEC 60529)	IP66K, IP67
ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311	Commercial data	
ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311	ECLASS-6.0	27279218
ECLASS-9.0 27060311 ECLASS-10.1 27060311	ECLASS-7.0	27279218
ECLASS-10.1 27060311	ECLASS-8.0	27279218
27000011	ECLASS-9.0	27060311
ECLASS-11.1 27060311	ECLASS-10.1	27060311
	ECLASS-11.1	27060311



stay connected

FOLACO 10.0	07000011
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879383820
Packaging unit	1
Electrical data   Supply	
Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V
Operating voltage DC max. (UL-listed)	30 V
Current operating per contact max.	4 A
Current consumption max.	5 mA
Diagnostics	
Status indication LED	green, yellow
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	1
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
Markantal des 150	
Mechanical data   Mounting data	
	inserted, screwed, Shaking protection
Mechanical data   Mounting data  Mounting method  Environmental characteristics   Climatic	inserted, screwed, Shaking protection
Mounting method  Environmental characteristics   Climatic	
Mounting method  Environmental characteristics   Climatic  Operating temperature min.	
Mounting method  Environmental characteristics   Climatic Operating temperature min. Operating temperature max.	-25 °C 85 °C
Mounting method  Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range	-25 °C
Mounting method  Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity	-25 °C 85 °C depending on cable quality
Mounting method  Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard	-25 °C 85 °C
Mounting method  Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity	-25 °C 85 °C depending on cable quality
Mounting method  Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation   Cable Cable identification	-25 °C 85 °C depending on cable quality  DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Mounting method  Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation   Cable Cable identification Cable Type	-25 °C 85 °C depending on cable quality  DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  630 3
Mounting method  Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range  Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color	-25 °C 85 °C depending on cable quality  DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  630 3 black
Mounting method  Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range  Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate	-25 °C 85 °C depending on cable quality  DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  630 3 black cURus
Mounting method  Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding	-25 °C 85 °C depending on cable quality  DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  630 3 black cURus 1
Mounting method  Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range  Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding	-25 °C 85 °C depending on cable quality  DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  630 3 black cURus 1 3 wires twisted
Mounting method  Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range  Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement	-25 °C 85 °C depending on cable quality  DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  630 3 black cURus 1 3 wires twisted brown, black, blue
Mounting method  Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range  Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track)	-25 °C  85 °C  depending on cable quality  DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  630  3  black  cURus  1  3 wires twisted  brown, black, blue  10 Mio. @ 25 °C
Mounting method  Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range  Conformity Product standard  Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth	-25 °C 85 °C depending on cable quality  DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  630 3 black cURus 1 3 wires twisted brown, black, blue 10 Mio. @ 25 °C 26,4 g/m
Mounting method  Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range  Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket	-25 °C  85 °C  depending on cable quality  DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  630  3  black  cURus  1  3 wires twisted  brown, black, blue  10 Mio. @ 25 °C  26,4 g/m  PUR
Mounting method  Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket	-25 °C 85 °C depending on cable quality  DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  630 3 black cURus 1 3 wires twisted brown, black, blue 10 Mio. @ 25 °C 26,4 g/m
Mounting method  Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range  Conformity Product standard  Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	-25 °C 85 °C depending on cable quality  DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  630 3 black cURus 1 3 wires twisted brown, black, blue 10 Mio. @ 25 °C 26,4 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Mounting method  Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range  Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	-25 °C 85 °C depending on cable quality  DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  630 3 black cURus 1 3 wires twisted brown, black, blue 10 Mio. @ 25 °C 26,4 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,1 mm
Mounting method  Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range  Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	-25 °C  85 °C  depending on cable quality  DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  630  3  black  cURus  1  3 wires twisted  brown, black, blue  10 Mio. @ 25 °C  26,4 g/m  PUR  90 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,1 mm  ± 5 %
Mounting method  Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range  Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	-25 °C  85 °C  depending on cable quality  DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  630  3  black  cURus  1  3 wires twisted  brown, black, blue  10 Mio. @ 25 °C  26,4 g/m  PUR  90 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free 4,1 mm  ± 5 %  PP
Mounting method  Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Additional condition temperature range  Conformity Product standard Installation   Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	-25 °C  85 °C  depending on cable quality  DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)  630  3  black  cURus  1  3 wires twisted  brown, black, blue  10 Mio. @ 25 °C  26,4 g/m  PUR  90 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,1 mm  ± 5 %

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: 2024-04-27



Outer diameter tolerance core insulation	± 5 %
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)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 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)	2,5 kV @ 60 s
AC withstand voltage power (wire - wire)	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
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2
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
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 180 °/m