

## M12 male 0° A-cod. / MSUD valve plug B-10mm

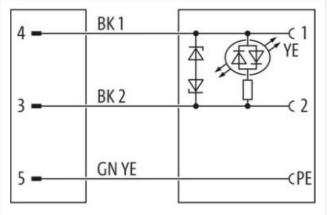
PUR 3x0.75 gy UL/CSA+drag ch. 2m

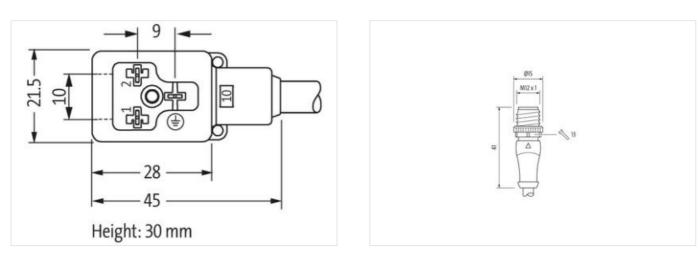
Form B (10 mm) – M12, male straight 24 V AC ±20% / DC ±25% LED and suppression Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product



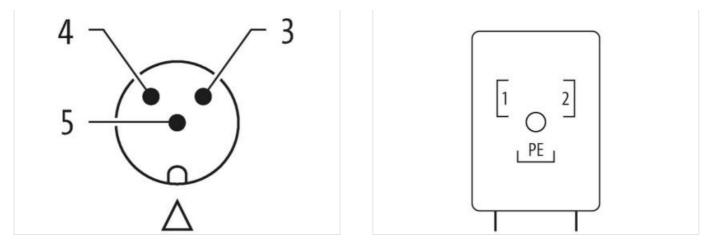






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Product may differ from Image



suitable for corrugated tube (internal Ø)10 mmCodingANo. of poles3Width across flatsSW13Degree of protection (EN IEC 60529)IP67Side 2Tightening torque0.4 NmFamily construction formMSUD BThreadM3No. of poles3Degree of protection (EN IEC 60529)IP67Commercial dataECLASS-6.027279218ECLASS-6.127279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-8.027260312ECLASS-10.127060312ECLASS-11.127060312ECLASS-12.027060312	Cable length	2 m
Family construction form         M12           Thread         M12 x 1           suitable for corrugated tube (internal Ø)         10 mm           Coding         A           No. of poles         3           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP67           Side 2            Tightening torque         0.4 Nm           Family construction form         MSUD B           Thread         M3           No. of poles         3           Degree of protection (EN IEC 60529)         IP67           Side 2            Thread         MSUD B           Thread         M3           No. of poles         3           Degree of protection (EN IEC 60529)         IP67           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27060312           ECLASS-10.1         27060312           ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ECLASS-12.0         27060312           EC	Side 1	
Thread         M12 x 1           suitable for corrugated tube (internal 0)         10 mm           Coding         A           No. of poles         3           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP67           Side 2            Tightening torque         0,4 Nm           Family construction form         MSUD B           Thread         M3           No. of poles         3           Degree of protection (EN IEC 60529)         IP67           Thread         MSUD B           Thread         MSUD B           Thread         MSUD B           Thread         MSUD B           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27260312           ECLASS-8.0         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ECLASS-11.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         ECO01855           customs tariff number         85444290           GTIN	Tightening torque	0,6 Nm
suitable for corrugated tube (internal Ø)         10 mm           Coding         A           No. of poles         3           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP67           Side 2            Tightening torque         0.4 Nm           Family construction form         MSUD B           Thread         M3           No. of poles         3           Degree of protection (EN IEC 60529)         IP67           Degree of protection (EN IEC 60529)         IP67           Commercial data         3           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27060312           ECLASS-10.1         27060312           ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ECLASS-10.1         27060312           ECLASS-10.1         27060312           ECLASS-10.1         27060312           ECLASS-10.1         27060312           ECLASS-10.1         27060312           ECLASS-10.1         ECOI1855 </td <td>Family construction form</td> <td>M12</td>	Family construction form	M12
Coding         A           No. of poles         3           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP67           Stie 2         IP67           Tightening torque         0.4 Nm           Family construction form         MSUD B           Thread         M3           No. of poles         3           Degree of protection (EN IEC 60529)         IP67           Commercial dat         IP67           ECLASS-6.0         1967           CodesS-6.0         27279218           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-1.1         27060312           ECLASS-1.1         27060312           ECLASS-1.1         27060312           ECLASS-1.1         27060312           ECLASS-1.2         27060312           ETIM-5.0         EC01825           customs tariff number         8544220           GTN         4048879147774           Packaging unit         1           Electrical data         <	Thread	M12 x 1
No. of poles         3           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP67           Side 2	suitable for corrugated tube (internal Ø)	10 mm
Width across flats         SW13           Degree of protection (EN IEC 60529)         IP67           Side 2         IP67           Tightening torque         0.4 Nm           Family construction form         MSUD B           Thread         M3           No. of poles         3           Degree of protection (EN IEC 60529)         IP67           Commercial data         IP7279218           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-6.1         27279218           ECLASS-6.1         27279218           ECLASS-6.1         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27260312           ECLASS-8.0         27060312           ECLASS-1.1         27060312           ECLASS-1.2         27060312           ECLASS-1.1         27060312           ETIM-5.0         ECO01855           customs tariff number         85444290           GTIN         4048879147774           Packaging unit         1           Ecterical data         1           Ecterical data         20 ms	Coding	A
Degree of protection (EN IEC 60529)         IP67           Side 2         Pamily construction form         MSUD B           Family construction form         MSUD B         Pamily construction form         MSUD B           Thread         M3         Pamily construction form         MSUD B           Degree of protection (EN IEC 60529)         IP67         Pamily construction form	No. of poles	3
Side 2Tightening torque0,4 NmFamily construction formMSUD BThreadM3No. of poles3Degree of protection (EN IEC 60529)IP67Commercial dataECLASS-6.027279218ECLASS-6.127279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027279218ECLASS-9.027060312ECLASS-10.127060312ECLASS-11.127060312ECLASS-12.027060312ECLASS-12.027060312ETIM-5.0EC01855customs tariff number85444290GTIN4048879147774Packaging unit1Ecterical data1Ecterical data20 ms	Width across flats	SW13
Tightening torque0,4 NmFamily construction formMSUD BThreadM3No. of poles3Degree of protection (EN IEC 60529)IP67Commercial dataECLASS-6.027279218ECLASS-6.127279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060312ECLASS-10.127060312ECLASS-11.127060312ECLASS-12.027060312ECLASS-13.127060312ECLASS-14.027060312ECLASS-15.027060312ECLASS-16.127060312ECLASS-17.127060312ECLASS-17.127060312ECLASS-17.127060312ECLASS-17.127060312ECLASS-17.127060312ECLASS-17.127060312ECLASS-17.127060312ECLASS-17.127060312ECLASS-17.127060312ECLASS-17.12001855customs tariff number8544290GTIN404879147774Packaging unit1Ecterical dataEEcterical data20 ms	Degree of protection (EN IEC 60529)	IP67
Family construction form         MSUD B           Thread         M3           No. of poles         3           Degree of protection (EN IEC 60529)         IP67           Commercial data         22729218           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27060312           ECLASS-9.0         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879147774           Packaging unit         1           Electrical data         20           Electrical data         20           Capacity CX         20 ms	Side 2	
Thread         M3           No. of poles         3           Degree of protection (EN IEC 60529)         IP67           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060312           ECLASS-9.0         27060312           ECLASS-1.1         27060312           ECLASS-1.2.0         27060312           ECLASS-1.2.0         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879147774           Packaging unit         1           Ecterical data         20 ms	Tightening torque	0,4 Nm
No. of poles         3           Degree of protection (EN IEC 60529)         IP67           Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27279218           ECLASS-9.0         27279218           ECLASS-9.0         27060312           ECLASS-9.0         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879147774           Packaging unit         1           Electrical data         20 ms	Family construction form	MSUD B
Degree of protection (EN IEC 60529)         IP67           Commercial data         E           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060312           ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879147774           Packaging unit         1           Electrical data         20 ms	Thread	M3
Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060312           ECLASS-1.1         27060312           ECLASS-1.1         27060312           ECLASS-1.2.0         27060312           ETIM-5.0         EC01855           customs tariff number         85444290           GTIN         4048879147774           Packaging unit         1           Electrical data         20 ms	No. of poles	3
ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060312           ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879147774           Packaging unit         1           Electrical data         20 ms	Degree of protection (EN IEC 60529)	IP67
ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060312           ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879147774           Packaging unit         1           Electrical data         20 ms	Commercial data	
ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060312           ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879147774           Packaging unit         1           Electrical data         20 ms	ECLASS-6.0	27279218
ECLASS-8.0         27279218           ECLASS-9.0         27060312           ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879147774           Packaging unit         1           Electrical data         20 ms	ECLASS-6.1	27279218
ECLASS-9.0         27060312           ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879147774           Packaging unit         1           Electrical data         20 ms	ECLASS-7.0	27279218
ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879147774           Packaging unit         1           Electrical data         20 ms	ECLASS-8.0	27279218
ECLASS-11.1         27060312           ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879147774           Packaging unit         1           Electrical data         20 ms	ECLASS-9.0	27060312
ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs tariff number         8544290           GTIN         4048879147774           Packaging unit         1           Electrical data         20 ms	ECLASS-10.1	27060312
ETIM-5.0         EC001855           customs tariff number         8544290           GTIN         4048879147774           Packaging unit         1           Electrical data         Electrical component of the second of the	ECLASS-11.1	
customs tariff number         8544290           GTIN         4048879147774           Packaging unit         1           Electrical data         20 ms	ECLASS-12.0	
GTIN     4048879147774       Packaging unit     1       Electrical data     20 ms	ETIM-5.0	
Packaging unit     1       Electrical data     20 ms		
Electrical data       Capacity CX     20 ms		
Capacity CX 20 ms	Packaging unit	1
	Electrical data	
Electrical data   Supply	Capacity CX	20 ms
	Electrical data   Supply	

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Operating voltage AC	24 V
Operating voltage AC min.	19,2 V
Operating voltage AC max.	28,8 V
Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V
Cut-off peak voltage max.	55 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	yellow
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	1
Additional suppressor	Z-Diode
Mechanical data   Material data	
Coating locking	Nickeled
Locking screw coating	verzinkt
Color housing	black
Material housing	Plastic
Locking material	Zinc die-casting
Mechanical data   Mounting data	
Mounting method	inserted, screwed
Environmental characteristics   Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Operating temperature max. Additional condition temperature range	85 °C depending on cable quality
Operating temperature max. Additional condition temperature range Conformity	
Additional condition temperature range	
Additional condition temperature range Conformity	depending on cable quality
Additional condition temperature range Conformity Product standard	depending on cable quality
Additional condition temperature range Conformity Product standard Installation   Cable Cable identification	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD)
Additional condition temperature range Conformity Product standard Installation   Cable Cable identification Cable Type	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD) 236 3
Additional condition temperature range Conformity Product standard Installation   Cable Cable identification	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD) 236 3 white (isolation black)
Additional condition temperature range         Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Printing color of wire insulation	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD) 236 3
Additional condition temperature range         Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Printing color of wire insulation         Jacket Color	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD) 236 3 white (isolation black) gray
Additional condition temperature range         Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Printing color of wire insulation         Jacket Color         Type of Certificate	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD) 236 3 white (isolation black) gray cURus
Additional condition temperature range         Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Printing color of wire insulation         Jacket Color         Type of Certificate         Amount stranding	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD) 236 3 white (isolation black) gray cURus 1
Additional condition temperature range         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Printing color of wire insulation         Jacket Color         Type of Certificate         Amount stranding         Stranding	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD) 236 3 white (isolation black) gray cURus 1 3 wires twisted
Additional condition temperature range         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Printing color of wire insulation         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD) 236 3 white (isolation black) gray cURus 1 3 wires twisted black 1, black 2, green-yellow
Additional condition temperature range         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Printing color of wire insulation         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         No. of bending cycles (C-track)	depending on cable quality DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD) 236 3 white (isolation black) gray cURus 1 3 wires twisted black 1, black 2, green-yellow 10 Mio. @ 25 °C
Additional condition temperature range         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Printing color of wire insulation         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         No. of bending cycles (C-track)         Cable weigth	depending on cable quality         DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD)         236         3         white (isolation black)         gray         cURus         1         3 wires twisted         black 1, black 2, green-yellow         10 Mio. @ 25 °C         56,1 g/m
Additional condition temperature range         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Printing color of wire insulation         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         No. of bending cycles (C-track)         Cable weigth         Material jacket	depending on cable quality         DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD)         236         3         white (isolation black)         gray         cURus         1         3 wires twisted         black 1, black 2, green-yellow         10 Mio. @ 25 °C         56,1 g/m         PUR
Additional condition temperature range         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Printing color of wire insulation         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         No. of bending cycles (C-track)         Cable weigth         Material jacket         Shore hardness jacket	depending on cable quality         DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD)         236         3         white (isolation black)         gray         cURus         1         3 wires twisted         black 1, black 2, green-yellow         10 Mio. @ 25 °C         56,1 g/m         PUR         90 ± 5 Shore A
Additional condition temperature range         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Printing color of wire insulation         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)	depending on cable quality         DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD)         236         3         white (isolation black)         gray         cURus         1         3 wires twisted         black 1, black 2, green-yellow         10 Mio. @ 25 °C         56,1 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Additional condition temperature range         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Printing color of wire insulation         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)	depending on cable quality         DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD)         236         3         white (isolation black)         gray         cURus         1         3 wires twisted         black 1, black 2, green-yellow         10 Mio. @ 25 °C         56,1 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         5,9 mm
Additional condition temperature range         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Printing color of wire insulation         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)	depending on cable quality         DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD)         236         3         white (isolation black)         gray         cURus         1         3 wires twisted         black 1, black 2, green-yellow         10 Mio. @ 25 °C         56,1 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free         5,9 mm         ± 5 %
Additional condition temperature range         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Printing color of wire insulation         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	depending on cable quality         DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD)         236         3         white (isolation black)         gray         cURus         1         3 wires twisted         black 1, black 2, green-yellow         10 Mio. @ 25 °C         56,1 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         5,9 mm         ± 5 %         PP
Additional condition temperature range         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Printing color of wire insulation         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         Amount wires	depending on cable quality         DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD)         236         3         white (isolation black)         gray         cURus         1         3 wires twisted         black 1, black 2, green-yellow         10 Mio. @ 25 °C         56,1 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free         5,9 mm         ± 5 %         PP         3
Additional condition temperature range         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Printing color of wire insulation         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         Amount wires         Outer diameter insulation	depending on cable quality         DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD)         236         3         white (isolation black)         gray         cURus         1         3 wires twisted         black 1, black 2, green-yellow         10 Mio. @ 25 °C         56,1 g/m         PUR         90 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         5,9 mm         ± 5 %         PP         3         1,85 mm
Additional condition temperature range         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Printing color of wire insulation         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         Amount wires         Outer diameter insulation         Outer diameter tolerance core insulation	depending on cable quality           DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD)           236           3           white (isolation black)           gray           cURus           1           3 wires twisted           black 1, black 2, green-yellow           10 Mio. @ 25 °C           56,1 g/m           PUR           90 ± 5 Shore A           lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           5,9 mm           ± 5 %           PP           3           1,85 mm           ± 5 %

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Printing color of wire insulation	white (isolation black)
Amount strands (wire)	42
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,75 mm <sup>2</sup>
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	12 A
Electrical resistance line constant wire	26 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
Flame resistance	UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
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
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 180 °/m

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: 2024-04-25