

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

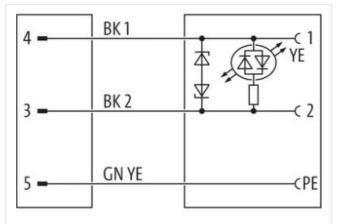
PUR 3x0.75 gy UL/CSA 0.3m

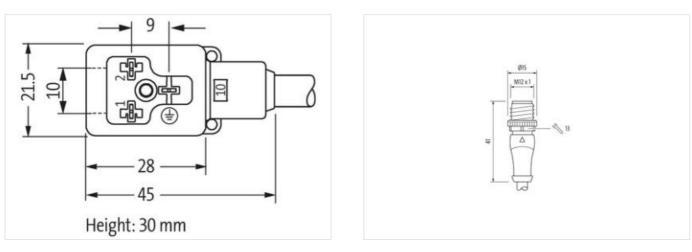
Form B (10 mm) – M12, male straight 24 V AC ±20% / DC ±25% LED and suppression Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product



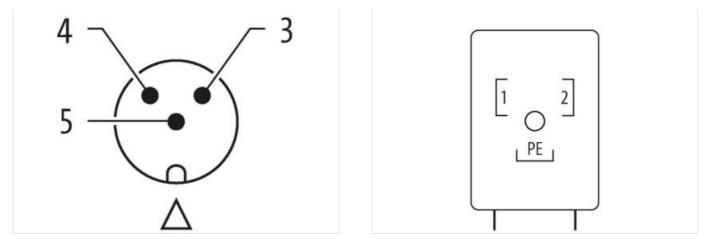






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Product may differ from Image



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            Tread         M3           No. of poles         3           Degree of protection (EN IEC 60529)         IP67           Commercial data            ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-10.1         27060312           ECLASS-10.1         27060312           ECLASS-10.1         27060312           ECLASS-12.0         27060312           ECLASS-12.0         27060312           ECLAS	Cable length	0,3 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            ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27060312           ECLASS-10.1         27060312           ECLASS-10.1         27060312           ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0	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           Commercial data         M3           No. of poles         3           Degree of protection (EN IEC 60529)         IP67           Commercial data         Z7279218           ECLASS 6.0         27279218           ECLASS 7.0         27279218           ECLASS 9.0         27060312           ECLASS 9.0         27060312           ECLASS 5.1.1         27060312 </td <td>Tightening torque</td> <td>0,6 Nm</td>	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         IP67           Tightening torque         0.4 Nm           Family construction form         MSUD B           Thread         M3           No. of poles         3           Degree of protection (EN IEC 60529)         IP67           Gemercial dat         IP67           ECLASS-6.0         3           Degree of protection (EN IEC 60529)         IP67           Commercial dat         27279218           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-10.1         27060312           ECLASS-10.1         27060312           ECLASS-10.1         27060312           ECLASS-12.0         27060312           ECLASS-12.0         27060312           ECLASS-12.0         EC01825           Outsing function         85442200           GTIN         4048879147880           Packaging unit         1           Electrical data         20 ms     <	Family construction form	M12
Add           No. of poles         3           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP67           Stide 2	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         IP67           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-6.1         27279218           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         272060312           ECLASS-9.0         27060312           ECLASS-1.1         27060312           ECLASS-1.2         27060312           ETIM-5.0         ECO01855           customs tariff number         85444290           GTIN         4048879147880           Packaging unit         1           Ecterical data         1           Ecterical data         20 ms	Coding	A
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           Commercial data         27279218           ECLASS-6.0         27279218           ECLASS-7.0         27060312           ECLASS-7.0         27060312           ECLASS-1.1         27060312           ECLASS-1.1         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879147880           Packaging unit         1           Electrical data         20           Gapacity CX         20 ms	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-7.027279218ECLASS-8.027279218ECLASS-9.027279218ECLASS-10.127060312ECLASS-10.127060312ECLASS-11.127060312ECLASS-12.027060312ECLASS-12.027060312ECLASS-12.027060312ECLASS-11.127060312ECLASS-12.027060312ECLASS-12.01ETIM-5.0EC011855customs tariff number85444290GTIN4048879147880Packaging unit1Etertical dataECapacity CX20 ms	Width across flats	SW13
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           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27279218           ECLASS-9.0         27060312           ECLASS-9.0         27060312           ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ECLASS-12.0         27060312           ETIM-5.0         EC011855           customs tariff number         85444290           GTIN         4048879147880           Packaging unit         1           Etertical data         1           Etertical data         20 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           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27060312           ECLASS-10.1         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879147880           Packaging unit         1           Electrical data         20 ms	Side 2	
Thread         M3           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         27060312           ECLASS-9.0         27060312           ECLASS-1.1         27060312           ECLASS-1.1         27060312           ECLASS-1.2.0         27060312           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879147880           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         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         4048879147880           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         4048879147880           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-1.1         27060312           ECLASS-1.2.0         27060312           ECLASS-1.1         27060312           ECLASS-1.1         27060312           ECLASS-1.1         27060312           ECLASS-12.0         27060312           ETIM-5.0         EC011855           customs tariff number         85444290           GTIN         4048879147880           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         4048879147880           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         4048879147880           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         4048879147880           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         4048879147880           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         4048879147880           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         4048879147880           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         8544290           GTIN         4048879147880           Packaging unit         1           Electrical data         20 ms	ECLASS-9.0	27060312
ECLASS-12.0         27060312           ETIM-5.0         EC001855           customs tariff number         8544290           GTIN         4048879147880           Packaging unit         1           Electrical data         20 ms	ECLASS-10.1	27060312
ETIM-5.0         EC001855           customs tariff number         8544290           GTIN         4048879147880           Packaging unit         1           Electrical data         Capacity CX         20 ms	ECLASS-11.1	27060312
customs tariff number         8544290           GTIN         4048879147880           Packaging unit         1           Electrical data         20 ms	ECLASS-12.0	27060312
GTIN         4048879147880           Packaging unit         1           Electrical data         20 ms	ETIM-5.0	EC001855
Packaging unit     1       Electrical data     20 ms	customs tariff number	85444290
Electrical data       Capacity CX     20 ms	GTIN	4048879147880
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)	
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
Additional condition temperature range	
Additional condition temperature range Important installation notes	depending on cable quality
Additional condition temperature range Important installation notes Note on strain relief	depending on cable quality Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Additional condition temperature range Important installation notes Note on strain relief Note on bending radius	depending on cable quality Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Conformity	depending on cable quality Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Additional condition temperature range         Important installation notes         Note on strain relief         Note on bending radius         Conformity         Product standard         Installation   Cable	depending on cable quality Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD)
Additional condition temperature range         Important installation notes         Note on strain relief         Note on bending radius         Conformity         Product standard         Installation   Cable         Cable identification	depending on cable quality Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD) 226
Additional condition temperature range         Important installation notes         Note on strain relief         Note on bending radius         Conformity         Product standard         Installation   Cable         Cable identification         Cable Type	depending on cable quality         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD)         226         2
Additional condition temperature range         Important installation notes         Note on strain relief         Note on bending radius         Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Jacket Color	depending on cable quality         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD)         226         2         gray
Additional condition temperature range         Important installation notes         Note on strain relief         Note on bending radius         Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Jacket Color         Type of Certificate	depending on cable quality         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD)         226         2
Additional condition temperature range         Important installation notes         Note on strain relief         Note on bending radius         Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding	depending on cable quality         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD)         226         2         gray         cURus
Additional condition temperature range         Important installation notes         Note on strain relief         Note on bending radius         Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding	depending on cable quality         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD)         226         2         gray         cURus         1         3 wires twisted
Additional condition temperature range         Important installation notes         Note on strain relief         Note on bending radius         Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement	depending on cable quality         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD)         226         2         gray         cURus         1         3 wires twisted         black 1, black 2, green-yellow
Additional condition temperature range         Important installation notes         Note on strain relief         Note on bending radius         Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         Cable weigth	depending on cable quality         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD)         226         2         gray         cURus         1         3 wires twisted         black 1, black 2, green-yellow         55,33 g/m
Additional condition temperature range         Important installation notes         Note on strain relief         Note on bending radius         Conformity         Product standard         Installation   Cable         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket	depending on cable quality         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD)         226         2         gray         cURus         1         3 wires twisted         black 1, black 2, green-yellow
Additional condition temperature range         Important installation notes         Note on strain relief         Note on bending radius         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	depending on cable quality         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD)         226         2         gray         cURus         1         3 wires twisted         black 1, black 2, green-yellow         55,33 g/m         PUR         85 ± 5 Shore A
Additional condition temperature range         Important installation notes         Note on strain relief         Note on bending radius         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         Freedom from ingredients (jacket)	depending on cable quality         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD)         226         2         gray         cURus         1         3 wires twisted         black 1, black 2, green-yellow         55,33 g/m         PUR         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Additional condition temperature range         Important installation notes         Note on strain relief         Note on bending radius         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)	depending on cable quality         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD)         226         2         gray         cURus         1         3 wires twisted         black 1, black 2, green-yellow         55,33 g/m         PUR         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         5,9 mm
Additional condition temperature range         Important installation notes         Note on strain relief         Note on bending radius         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         Freedom from ingredients (jacket)         Outer-diameter (jacket)	depending on cable quality         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD)         226         2         gray         cURus         1         3 wires twisted         black 1, black 2, green-yellow         55,33 g/m         PUR         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         5,9 mm         ± 5 %
Additional condition temperature range         Important installation notes         Note on strain relief         Note on bending radius         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         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material inner jacket	depending on cable quality         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD)         226         2         gray         cURus         1         3 wires twisted         black 1, black 2, green-yellow         55,33 g/m         PUR         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         5,9 mm         ± 5 %         PVC
Additional condition temperature range         Important installation notes         Note on strain relief         Note on bending radius         Conformity         Product standard         Installation   Cable         Cable identification         Cable identification         Cable Type         Jacket Color         Type of Certificate         Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material inner jacket         Material wire insulation	depending on cable quality         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD)         226         2         gray         cURus         1         3 wires twisted         black 1, black 2, green-yellow         55,33 g/m         PUR         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         5,9 mm         ± 5 %         PVC         PVC
Additional condition temperature range         Important installation notes         Note on strain relief         Note on bending radius         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         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material inner jacket	depending on cable quality         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD)         226         2         gray         cURus         1         3 wires twisted         black 1, black 2, green-yellow         55,33 g/m         PUR         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         5,9 mm         ± 5 %         PVC

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Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	43 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
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
Nominal voltage AC max.	300 V
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
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	0° 08
Operating temperature min. (dynamic)	-5 ℃
Operating temperature max. (dynamic)	0° ℃
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	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter
Travel speed (C-track)	2 Mio. @ 25 °C

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