

## M12 male $0^{\circ}$ A-cod. / MSUD valve plug A-18mm

PVC 3x0.75 gy 1m

Art.No.: 7000-40881-2160100

Weight: 0.104 Country of origin: CZ

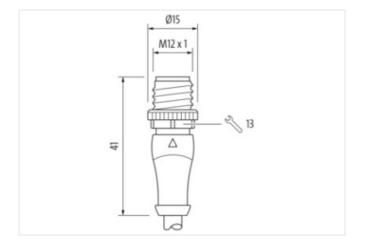
Model designation: MSKL3-A-W216\_1.0

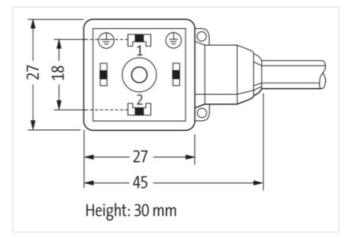
## **Link to Product**

## Illustration



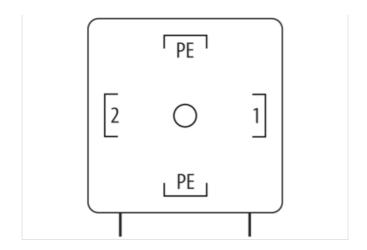


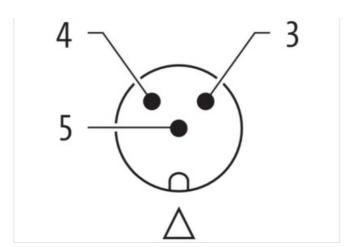


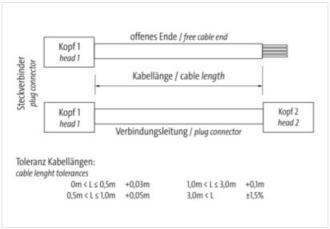


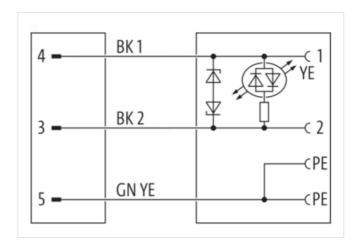


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Product may differ from Image







Header	
Cable length	1.0 m
Side 1	
Family construction form	M12
No. of poles	3
Coding	A
Mounting method	inserted, screwed
Thread	M12 x 1
Tightening torque	0.6 Nm
Width across flats	SW13
suitable for corrugated tube (internal $\emptyset$ )	10 mm
Material	PUR
Degree of protection (EN IEC 60529)	IP67
Side 2	
Family construction form	MSUD A
No. of poles	4
Thread	M3
Tightening torque	0.4 Nm



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Degree of protection (EN IEC 00529)   PG7	Material	РВТ
URI. Webshop	Degree of protection (EN IEC 60529)	IP67
GTIN	Commercial data	
ECLASS-6 0 277818 ECLASS-7 277918 ECLASS-7 277918 ECLASS-7 277918 ECLASS-7 277918 ECLASS-8 1 277918 ECLASS-8 0 277918 ECLASS-8 0 277918 ECLASS-8 1 2706312 ECLASS-10 0 1 2706312 ECLASS-10 0 1 2706312 ECLASS-11 2706312 ECLASS-11 2706312 ECLASS-11 2706312 ECLASS-13 0 2706312 ECLASS-14 2706312 ECLASS-15 0 2 2706312 ECLASS-16 0 2 2706312 ECLASS-17 0 2 2706312 ECLASS-18 0 2 2706312 ECLASS-18 0 2 2706312 ECLASS-19 0 2 2706312 ECLASS-10 0 2 2706312 ETM-5 0 EC01855 ETM-8 0 EC01855 ETM-8 0 EC01855 ETM-8 0 EC01855 ETM-7 0 EC01855 ETM-8 0 EC01855 ETM-9 0 EC01855	URL Webshop	https://shop.murrelektronik.com/7000-40881-2160100
ECLASS-6.1         22729218           ECLASS-7.0         22729218           ECLASS-7.1         27279218           ECLASS-8.0         2772918           ECLASS-8.0         2779318           ECLASS-9.0         27090312           ECLASS-9.0         27090312           ECLASS-10.1         27090312           ECLASS-11.0         27090312           ECLASS-11.1         27090312           ECLASS-11.1         27090312           ECLASS-13.0         27090312           ECLASS-13.0         27090312           ECLASS-14.0         27090312           ECLASS-15.0         27090312           ECLASS-16.0         27090312           ECLASS-17.0         27090312           ECLASS-18.0         27090312           ECLASS-18.0         27090312           ECLASS-19.0         27090312           ECLASS-19.0         27000312           ECLASS-19.0         27090312           ECLASS-19.0         27000312           ECLASS-19.0         27000312           ECLASS-19.0         27000312           ECLASS-19.0         27000155           ETIM-8.0         ECO01855           ETIM-8.0         ECO01855 <td>·</td> <td></td>	·	
ECLASS-7.0	ECLASS-6.0	27279218
ECLASS-7.1 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27269312 ECLASS-9.0 27060312 ECLASS-9.1 27060312 ECLASS-1.1 27060312 ECLASS-1.2 27060312 ECLASS-1.3 27060312 ECLASS-1.0 27060312 ECLASS	ECLASS-6.1	27279218
ECLASS-8.0 27279218 ECLASS-9.1 27779218 ECLASS-9.0 27060312 ECLASS-9.0 27060312 ECLASS-10.1 27060312 ECLASS-10.1 27060312 ECLASS-10.1 27060312 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-11.0 27060312 ECLASS-10.0 ECO01855 ETIM-5.0 ECO01855 ETIM-5.0 ECO01855 ETIM-7.0 ECO01855 ETIM-7.0 ECO01855 ETIM-7.0 ECO01855 ETIM-7.0 ECO01855 ETIM-8.0 ECO01855 ETIM-9.0 ECO01855 EAN 4086879152716  Electrical data  Prop. out delay line max. 20 Electrical data  Prop. out delay line max. 20 Electrical data Supply  Operating voltage AC min. 19.2 V  Operating voltage AC min. 19.2 V  Operating voltage DC min. 18 V  Operating voltage max. 55 V  Current consumption max. 15 mA  Diagnostics  Extra official policy official	ECLASS-7.0	27279218
ECLASS-8.1 27279218  ECLASS-9.0 27000312  ECLASS-1.1 27000312  ECLASS-1.0.1 27000312  ECLASS-1.0.1 27000312  ECLASS-1.1.0 27000312  ECLASS-1.1.0 27000312  ECLASS-1.1.1 27000312  ECLASS-1.1.1 27000312  ECLASS-1.1.0 27000312  ECLASS-1.1.0 27000312  ECLASS-1.1.0 27000312  ECLASS-1.0 27000312  ETIM-5.0 EC001855  ETIM-8.0 EC001855  ETIM-8.0 EC001855  ETIM-8.0 EC001855  ETIM-8.0 EC001855  ETIM-8.0 EC001855  EAN 4048879152716  Electrical data   Supply  Operating voltage AC 24 V  Operating voltage AC max. 20 ms  Electrical data   Supply  Operating voltage AC mix. 19 2 V  Operating voltage AC mix. 19 2 V  Operating voltage DC mix. 19 V  Operat	ECLASS-7.1	27279218
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ECLASS-10.1         27060312           ECLASS-10.1         27060312           ECLASS-11.0         27060312           ECLASS-11.1         27060312           ECLASS-12.0         27060312           ECLASS-13.0         27060312           ECLASS-14.0         27060312           ECLASS-14.0         EC001855           ETIM-5.0         EC001855           ETIM-6.0         EC001855           ETIM-7.0         EC001855           ETIM-8.0         EC001855           EAN         4048879152716           Electrical data         ED001855           EAN         4048879152716           Electrical data Suppty         ED001855           Operating voltage AC         24 V           Operating voltage AC         24 V           Operating voltage AC         24 V           Operating voltage AC max.         28 8 V           Operating voltage DC max.         24 V           Operating voltage DC max.         30 V           Current operating per contact max.         4 A           Current operating per contact max.         4 A           Operating voltage max.         55 V           Current operating per contact max.         15 mA	ECLASS-9.0	27060312
ECLASS-1.0         27060312           ECLASS-1.1         27060312           ECLASS-1.1         27060312           ECLASS-1.2.0         27060312           ECLASS-14.0         27060312           ECLASS-14.0         27060312           ETIM-5.0         EC001855           ETIM-7.0         EC001855           ETIM-7.0         EC001855           ETIM-8.0         EC001855           ETIM-9.0         EC001850           Electrical data <td>ECLASS-9.1</td> <td>27060312</td>	ECLASS-9.1	27060312
ECLASS-11.0         27060312           ECLASS-12.0         27060312           ECLASS-12.0         27060312           ECLASS-14.0         27060312           ECLASS-14.0         ECO01855           ETIM-6.0         EC001855           ETIM-7.0         EC001855           ETIM-8.0         EC001855           EAN         4048879152716           Electrical data         Drop- ut delay time max.           Drop- ut delay time max.         20 ms           Electrical data   Supply         Supply           Operating voltage AC min.         19.2 V           Operating voltage AC min.         19.2 V           Operating voltage AC max.         28.8 V           Operating voltage DC min.         18 V           Operating voltage DC max.         30 V           Current operating voltage DC max.         30 V           Current operating voltage max.         55 V           Current operating por contact max.         4 A           Cut-off peak voltage max.         55 V           Current operating por contact max.         15 mA           Diagnostics         Status indication LED           Policy of peak voltage max.         15 mA           Diagnostics         States indication LED	ECLASS-10.0.1	27060312
ECLASS-11.1         27060312           ECLASS-12.0         27060312           ECLASS-13.0         27060312           ECLASS-14.0         27060312           ETIM-5.0         EC001855           ETIM-6.0         EC001855           ETIM-7.0         EC001855           ETIM-8.0         EC001855           ETIM-8.0         EC001855           EN         4048879152716           Electrical data           Drop-out delay time max.         20 ms           Electrical data Supply           Operating voltage AC max.           Operating voltage AC max.         28 8 V           Operating voltage AC max.         28 8 V           Operating voltage DC max.         30 V           Operating voltage DC max.         30 V           Current operating per contact max.         4 A           Current operating per contact max.         4 A           Current operating per contact max.         55 V           Current operating on the colspan max.         15 mA           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Additio	ECLASS-10.1	27060312
ECLASS-12.0         27060312           ECLASS-14.0         27060312           ECLASS-14.0         EC001855           ETIM-5.0         EC001855           ETIM-6.0         EC001855           ETIM-7.0         EC001855           ETIM-8.0         EC001855           EAN         4048879152716           Electrical data         Drop-out delay time max.           Drop-out delay time max.         20 ms           Electrical State         Secondary Seco	ECLASS-11.0	27060312
ECLASS-13.0         27660312           ECLASS-14.0         27660312           ETIM-5.0         EC001855           ETIM-6.0         EC001855           ETIM-7.0         EC001855           ETIM-8.0         EC001855           ETIM-8.0         EC001855           EAN         4048879152716           Electrical data           Drop-out delay time max.         20 ms           Electrical data   Supply           Operating voltage AC         24 V           Operating voltage AC max.         28.8 V           Operating voltage AC max.         28.8 V           Operating voltage DC max.         30 V           Operating voltage DC max.         30 V           Current operating per contact max.         4 A           Cut-off peak voltage max.         55 V           Current consumption max.         15 mA           Diagnostics           Status indication LED         yellow           Degree of protection [Electrical           Degree of protection [Electrical           Degree of protection [Electrical         0.8 kV           Material group (IEC 6064-1)         1           Michapidata   Material data   Material data   Material da	ECLASS-11.1	27060312
ECLASS-14.0         27060312           ETIM-5.0         EC001855           ETIM-7.0         EC001855           ETIM-7.0         EC001855           ETIM-8.0         EC001855           EAN         404879152716           Electrical data         Drop-out delay time max.           Drop-out delay time max.         20 ms           Electrical data   Supply           Operating voltage AC         24 V           Operating voltage AC min.         19.2 V           Operating voltage AC min.         19.2 V           Operating voltage DC min.         18 V           Operating voltage DC min.         18 V           Operating voltage DC max.         30 V           Current operating per contact max.         4 A           Cut-off peak voltage max.         55 V           Current consumption max.         15 mA           Diagnostics           Status indication LED         yellow           Degree of protection (Ellictrical)           Degree of protection (Ellictrical)         1P67           Additional condition protection degree         inserted, screwed           Poliution Degree         3           Additional suppressor         2-Diode <t< td=""><td>ECLASS-12.0</td><td>27060312</td></t<>	ECLASS-12.0	27060312
ETIM-5.0         EC001855           ETIM-6.0         EC001855           ETIM-7.0         EC001855           ETIM-8.0         EC001855           ETIM-8.0         EC001855           EAN         4048879152716           Electrical data         Drop-out delay time max.           Electrical data   Supply         Drop-out delay time max.           Operating voltage AC         24 V           Operating voltage AC min.         19.2 V           Operating voltage AC max.         28.8 V           Operating voltage DC max.         28.8 V           Operating voltage DC max.         30 V           Current operating per contact max.         4 A           Cut-off peak voltage max.         55 V           Current consumption max.         15 mA           Diagnostics           Status indication LED         yellow           Device protection   Electrical           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Additional suppressor         Z-Diode           Rated surge voltage         0.8 kV           Material group (IEC 60684-1)         I </td <td>ECLASS-13.0</td> <td>27060312</td>	ECLASS-13.0	27060312
ETIM-6.0         EC001855           ETIM-7.0         EC001855           ETIM-8.0         EC001855           EAN         4048879152716           Electrical data           Drop-out delay time max.         20 ms           Electrical data   Supply           Operating voltage AC         24 V           Operating voltage AC min.         19.2 V           Operating voltage AC min.         19.2 V           Operating voltage DC         24 V           Operating voltage DC min.         18 V           Operating voltage DC min.         18 V           Operating voltage pc contact max.         4 A           Current operating per contact max.         4 A           Current consumption max.         15 mA           Diagnostics         Staus indication LED           Status indication LED         yellow           Device protection   Electrical         Perior protection   Electrical           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Politution Degree         3           Additional suppressor         Z-Diode           Rated surge voltage         0.8 kV           Material group (IEC 60664-1) </td <td>ECLASS-14.0</td> <td>27060312</td>	ECLASS-14.0	27060312
ETIM-7.0         EC001855           ETIM-8.0         EC001855           EAN         4048879152716           Electrical data         Drop-out delay time max.           Drop-out delay time max.         20 ms           Electrical data   Supply           Operating voltage AC min.         19.2 V           Operating voltage AC max.         28.8 V           Operating voltage DC max.         24 V           Operating voltage DC min.         18 V           Operating voltage DC max.         30 V           Current operating per contact max.         4 A           Cut-off peak voltage max.         55 V           Current consumption max.         15 mA           Degree of protection   Electrical           Degree of protection   Electrical           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Poliution Degree         3           Additional suppressor         Z-Diode           Rated surge voltage         0.8 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         Material housing         Plastic           Color housing         black	ETIM-5.0	EC001855
ETIM-8.0         EC001855           EAN         4048879152716           Electrical data         Drop-out delay time max.         20 ms           Electrical data   Supply         Operating voltage AC         24 V           Operating voltage AC min.         19.2 V           Operating voltage AC max.         28.8 V         Operating voltage DC min.         18 V           Operating voltage DC min.         18 V         Operating voltage DC min.         18 V           Operating voltage DC min.         30 V         Operating voltage DC min.         4 A           Cut-off peak voltage max.         55 V         Operating voltage DC min.         15 mA           Diagnostics         Status indication LED         yellow           Device protection   Electrical         Period protection   Electrical           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Additional suppressor         2-Diode           Rated surge voltage         0.8 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         Material housing         Plastic           Color housing         black           Locking ma	ETIM-6.0	EC001855
Electrical data   Supply	ETIM-7.0	EC001855
Electrical data  Drop-out delay time max. 20 ms  Electrical data   Supply  Operating voltage AC 24 V  Operating voltage AC min. 19.2 V  Operating voltage AC min. 19.2 V  Operating voltage AC max. 28.8 V  Operating voltage DC max. 30 V  Operating voltage DC min. 18 V  Operating voltage DC min. 18 V  Operating voltage DC max. 30 V  Current operating per contact max. 4 A  Current operating per contact max. 55 V  Current consumption max. 15 mA  Diagnostics  Status indication LED yellow  Device protection   Electrical  Degree of protection   Electrical  Degree of protection (EN IEC 60529) IP67  Additional condition protection degree inserted, screwed  Pollution Degree 3  Additional suppressor 2-Diode  Rated surge voltage 0.8 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Material housing Plastic  Color housing black  Locking material Zinc die-casting  Coating locking Nickeled	ETIM-8.0	EC001855
Drop-out delay time max.   20 ms	EAN	4048879152716
Electrical data   Supply  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 34 V  Operating voltage DC max. 30 V  Current operating per contact max. 4 A  Cut-off peak voltage max. 55 V  Current consumption max. 15 mA  Diagnostics  Status indication LED yellow  Device protection   Electrical  Degree of protection (EN IEC 60529)   IP67  Additional condition protection degree inserted, screwed  Pollution Degree 3  Additional suppressor Z-Diode  Rated surge voltage 0.8 kV  Material group (IEC 60664-1)   I  Mechanical data   Material data  Material housing Plastic  Coolr housing Diagnosting  Octing locking Nickeled	Electrical data	
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           Current operating per contact max.         4 A           Cut-off peak voltage max.         55 V           Current consumption max.         15 mA           Diagnostics           Status indication LED         yellow           Degree of protection [Electrical           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Additional suppressor         Z-Diode           Rated surge voltage         0.8 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         Material housing         Plastic           Color housing         black           Locking material         Zinc die-casting           Coating locking         Nickeled	Drop-out delay time max.	20 ms
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           Current operating per contact max.         4 A           Cut-off peak voltage max.         55 V           Current consumption max.         15 mA           Diagnostics           Status indication LED         yellow           Device protection [ Electrical           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Additional suppressor         Z-Diode           Rated surge voltage         0.8 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         Mechanical data   Material data           Material housing         Plastic           Color housing         black           Locking material         Zinc die-casting           Coating locking         Nickeled	Electrical data   Supply	
Operating voltage AC max. 28.8 V Operating voltage DC 24 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V Current operating per contact max. 4 A Cut-off peak voltage max. 55 V Current consumption max. 15 mA  Diagnostics Status indication LED yellow  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67  Additional condition protection degree inserted, screwed Pollution Degree 3 Additional suppressor 2-Diode Rated surge voltage 0.8 kV Material group (IEC 60664-1) I  Mechanical data   Material data  Material housing Plastic Color housing black Locking material Zinc die-casting Coating locking Nickeled	Operating voltage AC	24 V
Operating voltage DC 24 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V Current operating per contact max. 4 A Cut-off peak voltage max. 55 V Current consumption max. 15 mA  Diagnostics Status indication LED yellow  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67 Additional condition protection degree inserted, screwed Pollution Degree 3 Additional suppressor Z-Diode Rated surge voltage 0.8 kV Material group (IEC 60664-1) I  Mechanical data   Material data  Material housing Plastic Color housing black Locking material Zinc die-casting Coating locking Nickeled	Operating voltage AC min.	19.2 V
Operating voltage DC min. 18 V Operating voltage DC max. 30 V Current operating per contact max. 4 A Cut-off peak voltage max. 55 V Current consumption max. 15 mA  Diagnostics Status indication LED yellow  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67 Additional condition protection degree inserted, screwed  Pollution Degree 3 Additional suppressor Z-Diode Rated surge voltage 0.8 kV Material group (IEC 60664-1) I  Mechanical data   Material data  Material housing Plastic Color housing black Locking material Zinc die-casting Coating locking Nickeled	Operating voltage AC max.	28.8 V
Operating voltage DC max. 30 V Current operating per contact max. 4 A Cut-off peak voltage max. 55 V Current consumption max. 15 mA  Diagnostics Status indication LED yellow  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67 Additional condition protection degree inserted, screwed  Pollution Degree 3 Additional suppressor Z-Diode Rated surge voltage 0.8 kV Material group (IEC 60664-1) I  Mechanical data   Material data Material housing Plastic Color housing black Locking material Zinc die-casting Coating locking Nickeled	Operating voltage DC	24 V
Current operating per contact max. 4 A  Cut-off peak voltage max. 55 V  Current consumption max. 15 mA  Diagnostics  Status indication LED yellow  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67  Additional condition protection degree inserted, screwed  Pollution Degree 3  Additional suppressor Z-Diode  Rated surge voltage 0.8 kV  Material group (IEC 6064-1) I  Mechanical data   Material data  Material housing Plastic  Color housing black  Locking material Zinc die-casting  Coating locking Nickeled	Operating voltage DC min.	18 V
Cut-off peak voltage max. 55 V Current consumption max. 15 mA  Diagnostics Status indication LED yellow  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67 Additional condition protection degree inserted, screwed  Pollution Degree 3 Additional suppressor Z-Diode  Rated surge voltage 0.8 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Material housing Plastic  Color housing black  Locking material Zinc die-casting  Coating locking Nickeled	Operating voltage DC max.	30 V
Current consumption max. 15 mA  Diagnostics  Status indication LED yellow  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67  Additional condition protection degree inserted, screwed  Pollution Degree 3  Additional suppressor Z-Diode  Rated surge voltage 0.8 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Material housing Plastic  Color housing black  Locking material Zinc die-casting  Coating locking Nickeled	Current operating per contact max.	4 A
Diagnostics Status indication LED yellow  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67 Additional condition protection degree inserted, screwed  Pollution Degree 3 Additional suppressor Z-Diode Rated surge voltage 0.8 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Material housing Plastic  Color housing black  Locking material Zinc die-casting  Coating locking Nickeled	Cut-off peak voltage max.	55 V
Status indication LED yellow  Device protection   Electrical  Degree of protection (EN IEC 60529) IP67  Additional condition protection degree inserted, screwed  Pollution Degree 3  Additional suppressor Z-Diode  Rated surge voltage 0.8 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Material housing Plastic  Color housing black  Locking material Zinc die-casting  Coating locking Nickeled	Current consumption max.	15 mA
Device protection   Electrical  Degree of protection (EN IEC 60529) IP67  Additional condition protection degree inserted, screwed  Pollution Degree 3  Additional suppressor Z-Diode  Rated surge voltage 0.8 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Material housing Plastic  Color housing black  Locking material Zinc die-casting  Coating locking Nickeled	Diagnostics	
Degree of protection (EN IEC 60529)  Additional condition protection degree inserted, screwed  Pollution Degree 3  Additional suppressor Z-Diode  Rated surge voltage 0.8 kV  Material group (IEC 60664-1)  Mechanical data   Material data  Material housing Plastic  Color housing black  Locking material Zinc die-casting  Coating locking Nickeled	Status indication LED	yellow
Additional condition protection degree inserted, screwed  Pollution Degree 3  Additional suppressor Z-Diode  Rated surge voltage 0.8 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Material housing Plastic  Color housing black  Locking material Zinc die-casting  Coating locking Nickeled	Device protection   Electrical	
Pollution Degree 3 Additional suppressor Z-Diode Rated surge voltage 0.8 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Material housing Plastic  Color housing black  Locking material Zinc die-casting  Coating locking Nickeled	Degree of protection (EN IEC 60529)	IP67
Additional suppressor Z-Diode  Rated surge voltage 0.8 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Material housing Plastic  Color housing black  Locking material Zinc die-casting  Coating locking Nickeled	Additional condition protection degree	inserted, screwed
Rated surge voltage 0.8 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Material housing Plastic  Color housing black  Locking material Zinc die-casting  Coating locking Nickeled	Pollution Degree	3
Material group (IEC 60664-1)    Mechanical data   Material data	Additional suppressor	Z-Diode
Mechanical data   Material data       Material housing     Plastic       Color housing     black       Locking material     Zinc die-casting       Coating locking     Nickeled	Rated surge voltage	0.8 kV
Material housing Plastic  Color housing black  Locking material Zinc die-casting  Coating locking Nickeled	Material group (IEC 60664-1)	I
Color housing black Locking material Zinc die-casting Coating locking Nickeled	Mechanical data   Material data	
Locking material     Zinc die-casting       Coating locking     Nickeled	Material housing	Plastic
Coating locking Nickeled	Color housing	black
	Locking material	Zinc die-casting
Material gasket PUR	Coating locking	Nickeled
	Material gasket	PUR

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: 2025-08-28



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Mechanical data   Mounting data	
Mounting method	inserted, screwed
Environmental characteristics   Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Conformity	
Product standard	DIN EN 61076-2-101 (M12), DIN EN 175301-803
	DIV LIV 01070-2-101 (M12), DIV LIV 173301-003
Installation   Cable	
Cable identification	216
Cable Type	1
Amount stranding	1
Stranding	3 Wires
Vire arrangement	black 1, black 2, green-yellow
Cable weigth	63.8 g/m
Material wire insulation	PVC
Amount wires	3
Outer diameter insulation	1.8 mm
Outer diameter tolerance core insulation	± 0.1 mm
Shore hardness wire insulation	43 ± 5 Shore D
Material properties wire insulation	good machinability
ngredient freeness wire insulation	CFC-free, cadmium-free, silicone-free, lead-free
Printing color of wire insulation	white (isolation black)
Amount strands (wire)	24
Diameter of single wires	0.2 mm
Conductor crosssection (wire)	0.75 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Outer-diameter (jacket)	5.9 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PVC
Shore hardness jacket	80 ± 5 Shore A
reedom from ingredients (jacket)	CFC-free, cadmium-free, silicone-free, lead-free
Material property (jacket)	good machinability
Conductor resistance (wire)	26 Ω/km @ 20 °C
Max. rated voltage (conductor - ground)	300 V
Max. rated voltage (conductor - conductor)	500 V
Vithstand voltage (wire - wire)	3 kV @ 60 s
Withstand voltage (wire - jacket)	3 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	12 A
fin. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	70 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
Oil resistance	good
Chemical resistance	good
Other resistances	good resistance to gasoline
Bending radius (fixed)	5 × Outer diameter

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2025-08-28



Bending radius (dynamic)

10 × Outer diameter