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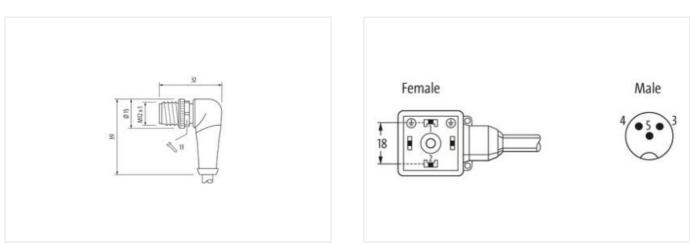
## M12 male 90° A-cod. / MSUD valve plug A-18mm

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

Form A (18 mm) – M12, male 90° 24 V AC ±20% / DC ±25% LED and suppression Bridged PE Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request 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

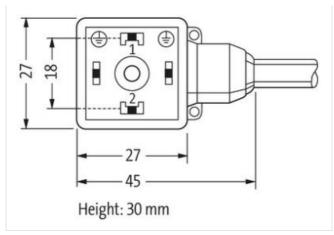




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Product may differ from Image



Cable length     2 m       Side 1		
Tightening torque     0.6 Nm       Family construction form     MSUD       Thread     M12 x 1       Material     PUR       Degree of protection (EN IEC 60529)     IP67       Side 2	Cable length	2 m
Family construction form     MSUD       Thread     M12 x 1       Material     PUR       Degree of protection (EN IEC 60529)     IP67       Side 2	Side 1	
Thread     M12 x 1       Material     PUR       Degree of protection (EN IEC 60529)     IP67       Side 2     Tightening torque     0,4 Nm       Family construction form     M12       Thread     M3       suitable for corrugated tube (internal Ø)     10 mm       Material     PBT       Width across flats     SW13       Degree of protection (EN IEC 60529)     IP67       Commercial data     ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060311       ECLASS-9.0     27060312       ECLASS-10.1     27060312       ECLASS-11.1     27060312       ECLASS-12.0     27060312       ECLASS-12.0     27060312       ECLASS-12.0     27060312       ECLASS-11.1     27060312       ECLASS-12.0     27060312       ECLASS-12.0     27060312       ECLASS-13.1     27060312       ECLASS-13.1     27060312       ECIASS-13.1     27060312 <t< td=""><td>Tightening torque</td><td>0,6 Nm</td></t<>	Tightening torque	0,6 Nm
Material     PUR       Degree of protection (EN IEC 60529)     IP67       Side 2     Tightening torque     0,4 Nm       Family construction form     M12       Thread     M3       suitable for corrugated tube (internal Ø)     10 mm       Material     PBT       Width across flats     SW13       Degree of protection (EN IEC 60529)     IP67       Commercial data     ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060311       ECLASS-10.1     27060312       ECLASS-12.0     27060312       ETIM-5.0     ECC0855       customs tariff number     85444290       GTIN     4048879417020       Packaging unit     1	Family construction form	MSUD
Degree of protection (EN IEC 60529)     IP67       Side 2     Tightening torque     0,4 Nm       Family construction form     M12       Thread     M3       suitable for corrugated tube (internal Ø)     10 mm       Material     PBT       Width across flats     SW13       Degree of protection (EN IEC 60529)     IP67       Commercial data     ECLASS-6.0       ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060311       ECLASS-10.1     27060312       ECLASS-11.1     27060312       ECLASS-12.0     27060312       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879417020       Packaging unit     1	Thread	M12 x 1
Side 2       Tightening torque     0,4 Nm       Family construction form     M12       Thread     M3       suitable for corrugated tube (internal Ø)     10 mm       Material     PBT       Width across flats     SW13       Degree of protection (EN IEC 60529)     IP67       Commercial data     ECLASS-6.0       ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060311       ECLASS-10.1     27060312       ECLASS-11.1     27060312       ECLASS-12.0     27060312       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879417020       Packaging unit     1       Electrical data     I	Material	PUR
Tightening torque0,4 NmFamily construction formM12ThreadM3suitable for corrugated tube (internal Ø)10 mmMaterialPBTWidth across flatsSW13Degree of protection (EN IEC 60529)IP67Commercial dataECLASS-6.027279218ECLASS-7.027279218ECLASS-8.027279218ECLASS-9.027060311ECLASS-10.127060312ECLASS-11.127060312ECLASS-12.027060312ETIM-5.0EC001855customs tariff number85444290GTIN4048879417020Packaging unit1	Degree of protection (EN IEC 60529)	IP67
Family construction form     M12       Thread     M3       suitable for corrugated tube (internal Ø)     10 mm       Material     PBT       Width across flats     SW13       Degree of protection (EN IEC 60529)     IP67       Commercial data     ECLASS-6.0       ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060311       ECLASS-10.1     27060312       ECLASS-11.1     27060312       ECLASS-12.0     27060312       ECLASS-12.0     27060312       ETIM-5.0     EC01855       customs tariff number     85444290       GTIN     4048879417020       Packaging unit     1	Side 2	
Thread     M3       suitable for corrugated tube (internal Ø)     10 mm       Material     PBT       Width across flats     SW13       Degree of protection (EN IEC 60529)     IP67       Commercial data     ECLASS-6.0       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060311       ECLASS-10.1     27060312       ECLASS-11.1     27060312       ECLASS-12.0     27060312       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879417020       Packaging unit     1	Tightening torque	0,4 Nm
suitable for corrugated tube (internal Ø)     10 mm       Material     PBT       Width across flats     SW13       Degree of protection (EN IEC 60529)     IP67       Commercial data     ECLASS-6.0       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060311       ECLASS-10.1     27060312       ECLASS-11.1     27060312       ECLASS-12.0     27060312       ECLASS-12.0     27060312       ETIM-5.0     ECOM0855       customs tariff number     85444290       GTIN     4048879417020       Packaging unit     1	Family construction form	M12
Material     PBT       Width across flats     SW13       Degree of protection (EN IEC 60529)     IP67       Commercial data     27279218       ECLASS-6.0     27279218       ECLASS-8.0     27279218       ECLASS-8.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060311       ECLASS-10.1     27060312       ECLASS-11.1     27060312       ECLASS-12.0     27060312       ECLASS-12.0     27060312       ETIM-5.0     EC01855       customs tariff number     85444290       GTIN     4048879417020       Packaging unit     1       Electrical data     1	Thread	M3
Width across flats     SW13       Degree of protection (EN IEC 60529)     IP67       Commercial data     ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27279218       ECLASS-9.0     27060311       ECLASS-10.1     27060312       ECLASS-11.1     27060312       ECLASS-12.0     27060312       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879417020       Packaging unit     1       Electrical data     Electrical data	suitable for corrugated tube (internal $\emptyset$ )	10 mm
Degree of protection (EN IEC 60529)     IP67       Commercial data     E       ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060311       ECLASS-10.1     27060312       ECLASS-11.1     27060312       ECLASS-12.0     27060312       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879417020       Packaging unit     1	Material	PBT
Commercial data       ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060311       ECLASS-10.1     27060312       ECLASS-11.1     27060312       ECLASS-12.0     27060312       ETIM-5.0     EC01855       customs tariff number     85444290       GTIN     4048879417020       Packaging unit     1	Width across flats	SW13
ECLASS-6.0   27279218     ECLASS-7.0   27279218     ECLASS-8.0   27279218     ECLASS-9.0   27060311     ECLASS-10.1   27060312     ECLASS-11.1   27060312     ECLASS-12.0   27060312     ETIM-5.0   EC01855     customs tariff number   85444290     GTIN   4048879417020     Packaging unit   1	Degree of protection (EN IEC 60529)	IP67
ECLASS-7.0   27279218     ECLASS-8.0   27279218     ECLASS-9.0   27060311     ECLASS-10.1   27060312     ECLASS-11.1   27060312     ECLASS-12.0   27060312     ETIM-5.0   EC001855     customs tariff number   85444290     GTIN   4048879417020     Packaging unit   1	Commercial data	
ECLASS-8.0   27279218     ECLASS-9.0   27060311     ECLASS-10.1   27060312     ECLASS-11.1   27060312     ECLASS-12.0   27060312     ETIM-5.0   EC001855     customs tariff number   85444290     GTIN   4048879417020     Packaging unit   1	ECLASS-6.0	27279218
ECLASS-9.0   27060311     ECLASS-10.1   27060312     ECLASS-11.1   27060312     ECLASS-12.0   27060312     ETIM-5.0   EC001855     customs tariff number   85444290     GTIN   4048879417020     Packaging unit   1	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   4048879417020     Packaging unit   1     Electrical data	ECLASS-8.0	27279218
ECLASS-11.1   27060312     ECLASS-12.0   27060312     ETIM-5.0   EC001855     customs tariff number   85444290     GTIN   4048879417020     Packaging unit   1     Electrical data	ECLASS-9.0	27060311
ECLASS-12.0   27060312     ETIM-5.0   EC001855     customs tariff number   85444290     GTIN   4048879417020     Packaging unit   1     Electrical data   1	ECLASS-10.1	27060312
ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879417020       Packaging unit     1       Electrical data     Electrical data	ECLASS-11.1	27060312
customs tariff number 85444290   GTIN 4048879417020   Packaging unit 1   Electrical data 1	ECLASS-12.0	27060312
GTIN 4048879417020   Packaging unit 1   Electrical data V	ETIM-5.0	EC001855
Packaging unit 1   Electrical data 1	customs tariff number	85444290
Electrical data	GTIN	4048879417020
	Packaging unit	1
	Electrical data	
Capacity CX 20 ms	Capacity CX	20 ms
Electrical data   Supply	Electrical data   Supply	
Operating voltage AC 24 V	Operating voltage AC	24 V

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	19,2 V
Operating voltage AC min.	
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
Current consumption max.	15 mA
Diagnostics	
Status indication LED	yellow
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	
Additional suppressor	Diode, Z-Diode
Mechanical data   Material data	
Coating locking	Nickeled
Color housing	black
Material gasket	PUR
Material housing	Plastic
Locking material	Zinc die-casting
Mechanical data   Mounting data	
· · ·	incerted exerved
Mounting method	inserted, screwed
Environmental characteristics   Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Operating temperature max.	85 °C
Operating temperature max. Additional condition temperature range	85 °C
Operating temperature max. Additional condition temperature range Important installation notes	85 °C depending on cable quality
Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief	85 °C 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
Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius	85 °C 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
Operating temperature max.     Additional condition temperature range     Important installation notes     Note on strain relief     Note on bending radius     Installation   Cable     Cable identification	85 °C     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.
Operating temperature max.     Additional condition temperature range     Important installation notes     Note on strain relief     Note on bending radius     Installation   Cable     Cable identification     Cable Type	85 °C     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.     636
Operating temperature max.     Additional condition temperature range     Important installation notes     Note on strain relief     Note on bending radius     Installation   Cable     Cable identification	85 °C     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.     636     3
Operating temperature max.     Additional condition temperature range     Important installation notes     Note on strain relief     Note on bending radius     Installation   Cable     Cable identification     Cable Type     Printing color of wire insulation	85 °C     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.     636     3     white (isolation black)
Operating temperature max.     Additional condition temperature range     Important installation notes     Note on strain relief     Note on bending radius     Installation   Cable     Cable identification     Cable Type     Printing color of wire insulation     Jacket Color	85 °C     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.     636     3     white (isolation black)     black
Operating temperature max.     Additional condition temperature range     Important installation notes     Note on strain relief     Note on bending radius     Installation   Cable     Cable identification     Cable Type     Printing color of wire insulation     Jacket Color     Type of Certificate	85 °C     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.     636     3     white (isolation black)     black     cURus
Operating temperature max.     Additional condition temperature range     Important installation notes     Note on strain relief     Note on bending radius     Installation   Cable     Cable identification     Cable Type     Printing color of wire insulation     Jacket Color     Type of Certificate     Amount stranding	85 °C     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.     636     3     white (isolation black)     black     cURus     1
Operating temperature max.     Additional condition temperature range     Important installation notes     Note on strain relief     Note on bending radius     Installation   Cable     Cable identification     Cable Type     Printing color of wire insulation     Jacket Color     Type of Certificate     Amount stranding     Stranding	85 °C     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.     636     3     white (isolation black)     black     cURus     1     3 wires twisted
Operating temperature max.     Additional condition temperature range     Important installation notes     Note on strain relief     Note on bending radius     Installation   Cable     Cable identification     Cable Type     Printing color of wire insulation     Jacket Color     Type of Certificate     Amount stranding     Stranding     wire arrangement	85 °C     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.     636     3     white (isolation black)     black     cURus     1     3 wires twisted     black 2, green-yellow
Operating temperature max.     Additional condition temperature range     Important installation notes     Note on strain relief     Note on bending radius     Installation   Cable     Cable identification     Cable Type     Printing color of wire insulation     Jacket Color     Type of Certificate     Amount stranding     Stranding     wire arrangement     Cable weigth	85 °C     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.     636     3     white (isolation black)     black     cURus     1     3 wires twisted     black 1, black 2, green-yellow     56,1 g/m
Operating temperature max.     Additional condition temperature range     Important installation notes     Note on strain relief     Note on bending radius     Installation   Cable     Cable identification     Cable Type     Printing color of wire insulation     Jacket Color     Type of Certificate     Amount stranding     Stranding     wire arrangement     Cable weigth     Material jacket	85 °C     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.     636     3     white (isolation black)     black     cURus     1     3 wires twisted     black 1, black 2, green-yellow     56,1 g/m     PUR
Operating temperature max.     Additional condition temperature range     Important installation notes     Note on strain relief     Note on bending radius     Installation   Cable     Cable identification     Cable identification     Cable Type     Printing color of wire insulation     Jacket Color     Type of Certificate     Amount stranding     Stranding     wire arrangement     Cable weigth     Material jacket     Shore hardness jacket	85 °C     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.     636     3     white (isolation black)     black     cURus     1     3 wires twisted     black 1, black 2, green-yellow     56,1 g/m     PUR     90 ± 5 Shore A
Operating temperature max.     Additional condition temperature range     Important installation notes     Note on strain relief     Note on bending radius     Installation   Cable     Cable identification     Cable Type     Printing color of wire insulation     Jacket Color     Type of Certificate     Amount stranding     Stranding     wire arrangement     Cable weigth     Material jacket     Shore hardness jacket     Freedom from ingredients (jacket)	85 °C     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.     636     3     white (isolation black)     black     cURus     1     3 wires twisted     black 1, black 2, green-yellow     56,1 g/m     PUR     90 ± 5 Shore A     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Operating temperature max.     Additional condition temperature range     Important installation notes     Note on strain relief     Note on bending radius     Installation   Cable     Cable identification     Cable identification     Cable Type     Printing color of wire insulation     Jacket Color     Type of Certificate     Amount stranding     Stranding     wire arrangement     Cable weigth     Material jacket     Shore hardness jacket     Freedom from ingredients (jacket)     Outer-diameter (jacket)	85 °C     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.     636     3     white (isolation black)     black     cURus     1     3 wires twisted     black 1, black 2, green-yellow     56,1 g/m     PUR     90 ± 5 Shore A     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free     5,9 mm
Operating temperature max.     Additional condition temperature range     Important installation notes     Note on strain relief     Note on bending radius     Installation   Cable     Cable identification     Cable identification     Cable Type     Printing color of wire insulation     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)	85 °C     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.     636     3     white (isolation black)     black     cURus     1     3 wires twisted     black 1, black 2, green-yellow     56,1 g/m     PUR     90 ± 5 Shore A     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free     5,9 mm     ± 5 %
Operating temperature max.     Additional condition temperature range     Important installation notes     Note on strain relief     Note on bending radius     Installation   Cable     Cable identification     Cable identification     Cable Type     Printing color of wire insulation     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 wire insulation	85 °C     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.     636     3     white (isolation black)     black     cURus     1     3 wires twisted     black 1, black 2, green-yellow     56,1 g/m     PUR     90 ± 5 Shore A     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free     5,9 mm     ± 5 %     PP
Operating temperature max.     Additional condition temperature range     Important installation notes     Note on strain relief     Note on bending radius     Installation   Cable     Cable identification     Cable Type     Printing color of wire insulation     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 wire insulation     Amount wires	85 °C     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.     636     3     white (isolation black)     black     cURus     1     3 wires twisted     black 1, black 2, green-yellow     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

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Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
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
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)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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