

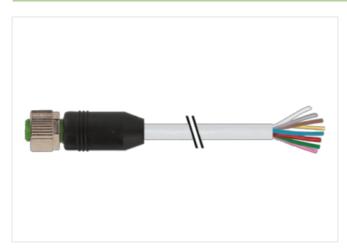
## M12 female 0° A-cod. with cable

PVC 8x0.25 gy UL/CSA 1m

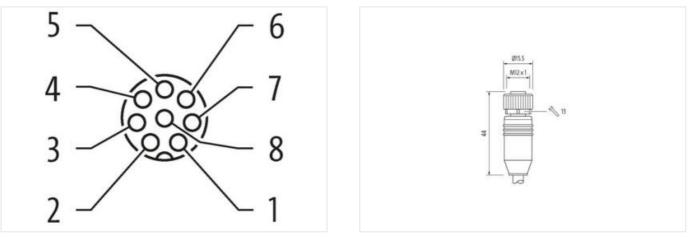
Female straight M12, 8-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product

Illustration



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2	BN	
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Product may differ from Image



Cable length 1 m Side 1 Tightening torque 0,6 Nm The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-06-24

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Material     PUR       Witch across fatas     SW13       Commercial data     ECIASS 5.0     27278218       ECIASS 5.0     27050311       ECIASS 5.0     27050311       ECIASS 5.10     27050311       ECIASS 5.11     27050311       ECIASS 5.12     27050311       ECIASS 5.12     27050311       ECIASS 5.12     27050311       ECIASS 5.13     27050311       ECIASS 5.10     27050311       ECIASS 5.11     27050311       ECIASS 5.12     27050311       ECIASS 5.13     27050311       ECIASS 5.10     27050311       ECIASS 5.10     27050311       ECIASS 5.10     27050311       ECIASS 5.11     27050311       ECIASS 5.11     27050311       ECIASS 5.10     30 V       Operating voltage DOmax.     30 V       Operating voltage Domax.     30 V	Mounting method	inserted, screwed
Weth across flats     SW13       Commercial data     E       ECLASS 6.0     27278218       ECLASS 7.0     27278218       ECLASS 6.0     27278218       ECLASS 5.0     27278218       ECLASS 5.0     27278218       ECLASS 5.0     27260311       ECLASS 5.0     27060311       ECLASS 5.1     27060311       ECLASS 5.0     27060311       ECLASS 5.0     27060311       ECLASS 5.0     27060311       ECLASS 5.1     27060311       ECLASS 5.0     27060311       ECLASS 5.0     27060311       ECLASS 5.0     27060311       ECLASS 5.0     2707021       TIN     40660005710       Packargu unit     1       Electrical data flag     30 V       Electrical data flag     30 V       Electrical data flag     30 V       Electrical data flag     M2 x 1       Device projection [ Electrical     M2 x 1       Electrical data flag     XV       Material arou or material materian     25 r0	Family construction form	M12
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EQLASS 4.1     2273/218       EQLASS 5.0     2727/218       EQLASS 5.0     2726/218       EQLASS 5.0     27060311       EQLASS 5.1     27060311       EQLASS 5.1     27060311       EQLASS 5.1.1     27060311       EQLASS 5.2.0     27060311       EQLASS 5.2.0     27060311       EQLASS 5.2.0     27060311       CASS 5.3     ECOM855       Castors failt number     5544290       OTIN     405690907810       Packaging unit     1       Electrical data [Suppy)     Uperating voltage AC max.       Operating voltage AC max.     30 V       Operating voltage AC max.     30 V       Enstruction [Connection     M12 x 1       Dovice protection [Electrical     Packaging unit       Hatsi surge voltage     0.8 kV       Material group (EC 60664 1)     1       Material group (EC 60664 1)     1       Material group conne main     25 °C       Operating tong packaging unit     25 °C       Operating tong packaging unit main.     25 °C       Operating tong packagin	Commercial data	
EGLASS 7.0     27278218       EGLASS 8.0     27278218       EGLASS 8.0.     27060311       EGLASS 9.1     27060311       EGLASS 9.1     27060311       EGLASS 9.1     27060311       EGLASS 9.1.1     27060311       EGLASS 12.0     27060311       Eduction data 1 Supply     4845200       Operating voltage AC max.     30 V       Eduction data 1 Supply     1       Device protection   Electrical     1       Poilution Degree     3       Ratef aurge voltage     0.8 kV       Material group (EG 6066-1)     1       Material group (EG 6066-1)     1       Material group of (EG 6066-1)     1       Material group of (EG 6066-1)     1       Material group (EG 6066-1)     1       Device there andi	ECLASS-6.0	27279218
ECLASS 8.0     27279218       ECLASS 8.0.     27060311       ECLASS 8.0.     27060311       ECLASS 8.1.1     27060311       ECLASS 8.1.2.0     27060311       ECLASS 8.0.     EC001865       cuators taff number     65444290       OTIN     4065909057810       Packaging unit     1       Electrical data [ Suppy        Operating voltage AC max.     30 V       Operating voltage AC max.     30 V       Deprating voltage AC max.     30 V       Porting voltage AC max.     30 V       Evetice protection [Electrical        Polytico Degree     3       Raid surge voltage     0.8 kV       Material group [IC 60664-1)     1       Material group [IC 60664-1]	ECLASS-6.1	27279218
EGLASS 9.0     27660311       EQLASS 9.1.1     27060311       ECLASS 9.1.2     27060311       ECLASS 9.1.1     0205095781.0       Packaging unit     1       Electical data [Supply     90 V       Operating voltage AC max.     30 V       Operating voltage AC max.     30 V       Tastallation [Connection     1       Bevice protection   Electrical     1       Pollution Dogro     3       Rated surge voltage     0.8 kV       Matterial group (EC 60684-1)     1       Indecharacteristics [Classid]     1       Matterial group (EC 60684-1)     1       Caling of filting     nickel plated       Material screw connection     Zins de-casting       Environmetial characteristics [Classid]     1       Material group reture range     depending on cable quality       Operating temperature min.     -25 °C       Operating temperature min.     -25 °C </td <td>ECLASS-7.0</td> <td>27279218</td>	ECLASS-7.0	27279218
ECLASS-10.1 27080311   ECLASS-11.1 27060311   ECLASS-12.0 27060311   ETIM-5.0 EC001855   cuaioms tailf number B544290   GTIN 40659097810   Packaging unit 1   Etertical data   Supply U   Operating voltage AC max. 30 V   Device protection   Electrical Institution   Connection   Institution   Connection M12 x 1   Device protection   Electrical 3   Material argong (Ele C6064-1) 1	ECLASS-8.0	27279218
ECLASS-11.1     27080311       ECLASS-12.0     27080311       ECLASS-12.0     EC001855       causions tariff number     85442200       GTIN     4065908057810       Packaging unit     1       Electrical data   Supply     Unit of the second o	ECLASS-9.0	27060311
ECLASS-12.0     27080311       ETIM 5.0     EC001855       exatoms tarff number     B544280       OTIN     4065009057810       Packaging unit     1       Electrical data   Supply     Electrical data   Supply       Oparating voltage AC max.     30 V       Installation   Connection     M12 x 1       Device protection   Electrical     M12 x 1       Device protection   Electrical     0.8 W       Material group (EC 60664-1)     1       Hereding unit (EC 60664-1)     1       Mechanical data   Material data     Environmental characteristics   Climatic       Device protection   Electrical data     Environmental characteristics   Climatic       Devising finding     nickel plated       Material group (EC 60664-1)     1       Mechanical data   Material data     Environmental characteristics   Climatic       Doperating interpreture max.     85 °C       Coafing of fitting     mickel plated       Installation notes     Environmentary enange       Uperating interpreture max.     85 °C       Additional condition temperature range     depending on cable quality       Installati	ECLASS-10.1	27060311
ETIM 5.0 EC001855   customs tariff number 8544290   GTIN 406590057810   Packaging unit 1   Electrical data   Supply    Operating voltage AC max. 30 V   Operating voltage DC max. 30 V   Installation   Connection    Mouring set M12 x 1   Device protection   Electrical    Politon Degree 3   Rated surge voltage 0,8 kV   Material group (EC 60664-1) 1   Material group (EC 60664-1) 1   Material group (EC 60664-1) 1   Costing of fittig nickel plated   Material surge voltage 0,8 kV   Operating temperature max. 25 °C   Cogerating temperature max. 85 °C   Additional condition temperature max. 85 °C   Installation (Cable	ECLASS-11.1	27060311
customs tariff number     85444280       GTIN     4065890057810       Packaging unit     1       Electrical dia [Supply     30 V       Operating voltage AC max.     30 V       Operating voltage AC max.     30 V       Installation   Connection     Installation   Connection       Mourling set     M12 x 1       Device protection   Electrical     Installation   Connection       Material group (EC 60664-1)     1       Material group (EC 60664-1)     1       Material group (EC 60664-1)     1       Material active (Connection   Electrical     Installation   Connection   Electrical       Operating temperature max     0,8 kV       Material active (Connection   Electrical data     Installation active - connection   Electrical data       Operating temperature max.     85 °C       Operating temperature max.     85 °C       Additional condition enterparature range     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tes.       Note on strain roll of     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tes.       Installation / Cable     Protect the connectors by suitable measures from mechanical loa	ECLASS-12.0	27060311
GTIN 4065908057810   Packaging unit 1   Electrical data   Supply    Operating voltage AC max. 30 V   Operating voltage AC max. 30 V   Operating voltage AC max. 30 V   Installation   Connection    Installation   Connection   Electrical    Pollution Dagree 3   Rated surge voltage 0.8 kV   Material group (IEC 60664-1) 1   Material al roup (IEC 60664-1) 1   Material al screw connection Zinc die casting   Environmental characteristics   Climatic    Operating temperature min. 25 °C   Operating temperature min. 25 °C   Operating temperature max. 85 °C   Additional condition temperature max. 85 °C   Additional condition temperature max. 85 °C   Additional condition temperature max. 85 °C   Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.   Installation (Cable Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.   Installation (Cable Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.   Installation (Cable Protect the connectors by suitable measu	ETIM-5.0	EC001855
Packaging unit     1       Electrical data   Supply       Operating voltage AC max.     30 V       Operating voltage AC max.     30 V       Installation   Connection     Installation   Connection       Mounting set     M12 x 1       Device protection   Electrical     Pollution Degree       Pollution Degree     3       Rated surge voltage     0.8 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Coating of fitting       Addreid sortew connection     Zinc die-casting       Environmental characteristics   Climatic     Qine die-casting       Operating temperature min.     25 °C       Operating temperature max.     85 °C       Additional condition temperature max.	customs tariff number	85444290
Electrical data   Supply       Operating voltage AC max.     30 V       Operating voltage DC max.     30 V       Installation   Connection     M12 x 1       Device protection   Electrical     M12 x 1       Device protection   Electrical     0.8 kV       Rated surge voltage     0.8 kV       Material group (EG 60664-1)     1       Mechanical data   Material data     Use protection   Electrical       Coating of fitting     nickel plated       Material sorew connection     Zinc die-casting       Environential charectristics   Climatic     S7 °C       Operating temperature man.     65 °C       Operating temperature man.     65 °C       Operatin Installation notes     S7 °C       Installation rodes     Attention: Observe the parmissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation notes     Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Installation (Cable     intervery, while, red, blue, pink, gray, yellow, green     Cable identification       Cable identification     207     Cable identification     Garagragray	GTIN	4065909057810
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Operating voltage DC max.     30 V       Installation   Connection     Mouning set     M12 x 1       Device protection   Electrical     Pollution Degree     3       Pollution Degree     3     Reade Surge voltage     0.8 kV       Material group (IEC 60664-1)     1     Image: Constraint of the Consthe Constraint of the Constraint of the Consthe Constr	Electrical data   Supply	
Installation Connection       Mounting set     M12 x 1       Device protection [Electrical     Pollution Degree       Pated surge voltage     0.8 kV       Material group (IEC 60684-1)     1       Mechnical data [Material data     Image: Constant of the stant of	Operating voltage AC max.	30 V
Mounting set     M12 x 1       Device protection   Electrical     3       Pollution Degree     3       Rated surge voltage     0.8 kV       Material group (IEC 60664-1)     1       Mechanical datal Material data     Meterial screw connection       Material screw connection     Zinc die-casting       Furvionmental characteristics   Climatic     Voltage and the screw connection       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Additional condition temperature max.     85 °C       Additional condition temperature max.     85 °C       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Istalation   Cable     Vorn, white, red, blue, pink, gray, yellow, green       Cable Type     1       Additional condition transmit     Vornautical filt twisted       Type of Certificate     9 wires around Core filter twisted       Cable Type     1       Material g	Operating voltage DC max.	30 V
Device protection   Electrical       Pollution Degree     3       Rated surge voltage     0,8 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Incikel plated       Coating of fitting     nickel plated       Material screw connection     Zinc die-casting       Environmental characteristics   Climatic     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     -25 °C       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       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.       Installation   Cable     -       Wire arangement     brown, white, red, blue, pink, gray, yellow, green       Cable identification     207       Cable Identification     Query       Type of Certificate     QHUs       Anount stranding     1       Stranding     8 wires around Core filler twisted       Filler     yes	Installation   Connection	
Pollution Degree     3       Rated surge voltage     0,8 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     incikel plated       Coating of fitting     nickel plated       Material screw connection     Zinc die-casting       Environmental characteristics   Climatic     25 °C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important Installation notes     Xtention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation   Cable     Voron, white, red, blue, pink, gray, yellow, green       Cable Identification     207       Stranding     8 wires around Core filler twisted       Filler     yes       Wrea rangement     brown, white, red, blue, pink, gray, yellow, green       Cable Identification     207       Cable Identific	Mounting set	M12 x 1
Pollution Degree     3       Rated surge voltage     0,8 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     incikel plated       Coating of fitting     nickel plated       Material screw connection     Zinc die-casting       Environmental characteristics   Climatic     25 °C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important Installation notes     Xtention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation   Cable     Voron, white, red, blue, pink, gray, yellow, green       Cable Identification     207       Stranding     8 wires around Core filler twisted       Filler     yes       Wrea rangement     brown, white, red, blue, pink, gray, yellow, green       Cable Identification     207       Cable Identific	Device protection   Electrical	
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Material group (IEC 60664-1)     I       Mechanical data   Material data       Coating of fitting     nickel plated       Material screw connection     Zinc die-casting       Environmental characteristics   Climatic     Operating temperature min.       -25 °C     Operating temperature max.       Additional condition temperature range     depending on cable quality       Important installation notes     Materion: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation   Cable     View arrangement       wire arrangement     brown, white, red, blue, pink, gray, yellow, green       Cable identification     207       Cable Identification     207       Cable Identification     207       Cable Identification     gray       Type of Certificate     cJURus       Amount stranding     1       Stranding     8 wires around Core filler twisted       Filler     yes       wire arrangement     brown, white, red, blue, pink, gray, yellow, green       Cable weight     58.3 g/m       Stranding     1       Stranding     9		
Mechanical data   Material data       Coating of fitting     nickel plated       Material screw connection     Zinc die-casting       Environmental characteristics   Climatic     Operating temperature min.     -25 °C       Operating temperature max.     85 °C     Additional condition temperature max.     85 °C       Additional condition temperature range     depending on cable quality     Important installation notes       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       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.       Installation   Cable     versessive bending forces.       wire arrangement     brown, white, red, blue, pink, gray, yellow, green       Cable identification     207       Cable identification     207       Cable Identificate     cURus       Amount stranding     1       Stranding     8 wires around Core filler twisted       Filler     yes       wire arrangement     cown, white, red, blue, pink, gray, yellow, green       Cable weighth     58,3 g/m       Material jacket <td></td> <td></td>		
Coating of fitting     nickel plated       Material screw connection     Zinc die-casting       Environmental characteristics   Climatic     -25 °C       Operating temperature min.     -25 °C       Additional condition temperature range     depending on cable quality       Important installation notes     depending on cable quality       Note on strain relief     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.       Installation   Cable     brown, white, red, blue, pink, gray, yellow, green       Cable identification     207       Cable identification     208       Type of Certificate     cURus       Amount stranding     1       Stranding     8 wires around Core tiller twisted       Filler     yes       wire arrangement     brown, white, red, blue, pink, gray, yellow, green <td></td> <td></td>		
Material screw connection     Zinc die-casting       Environmental characteristics   Climatic     Coperating temperature min.     -25 °C       Operating temperature max.     85 °C     Control on temperature max.     85 °C       Additional condition temperature range     depending on cable quality     Important installation notes       Important installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Installation   Cable     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation   Cable     brown, white, red, blue, pink, gray, yellow, green       Cable identification     207       Cable identification     207       Cable identificate     cURus       Amount stranding     1       Stranding     8 wires around Core filler twisted       Filler     yes       wire arrangement     brown, white, red, blue, pink, gray, yellow, green       Cable wight     58.3 g/m       Material jacket     PVC       Shore hardness jacket		nickal plated
Invironmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties.       Installation   Cable     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation   Cable     brown, white, red, blue, pink, gray, yellow, green       Cable identification     207       Cable Identification     207       Cable Type     1       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     8 wires around Core filler twisted       Filler     yes       wire arrangement     brown, white, red, blue, pink, gray, yellow, green       Cable weigth     58,3 g/m       Attention Stranding     1       Stranding     Sires around Core filler twisted		
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Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       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.       Installation   Cable     wire arrangement       wire arrangement     brown, white, red, blue, pink, gray, yellow, green       Cable Identification     207       Cable Type     1       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     8 wires around Core filler twisted       Filler     yes       wire arrangement     brown, white, red, blue, pink, gray, yellow, green       Cable weigth     58,3 g/m       Material jacket     PVC       Shore hardness jacket     85 ± 5 Shore A		
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Important installation notesNote on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.Installation   Cablewire arrangementbrown, white, red, blue, pink, gray, yellow, greenCable identification207Cable Type1Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding8 wires around Core filler twistedFilleryeswire arrangementbrown, white, red, blue, pink, gray, yellow, greenStranding58,3 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore A		
Note on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.Installation   Cablewire arrangementbrown, white, red, blue, pink, gray, yellow, greenCable identification207Cable I Type1Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding8 wires around Core filler twistedFilleryeswire arrangementbrown, white, red, blue, pink, gray, yellow, greenStranding8 wires around Core filler twistedFilleryesMote arrangementbrown, white, red, blue, pink, gray, yellow, greenStranding8 wires around Core filler twistedFilleryesWire arrangementbrown, white, red, blue, pink, gray, yellow, greenCable weigth58,3 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore A		depending on cable quality
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.       Installation   Cable       wire arrangement     brown, white, red, blue, pink, gray, yellow, green       Cable identification     207       Cable Type     1       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     8 wires around Core filler twisted       Filler     yes       wire arrangement     brown, white, red, blue, pink, gray, yellow, green       Cable identification     207	Important installation notes	
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Type of Certificate   cURus     Amount stranding   1     Stranding   8 wires around Core filler twisted     Filler   yes     wire arrangement   brown, white, red, blue, pink, gray, yellow, green     Cable weigth   58,3 g/m     Material jacket   PVC     Shore hardness jacket   85 ± 5 Shore A	Cable Type	1
Amount stranding1Stranding8 wires around Core filler twistedFilleryeswire arrangementbrown, white, red, blue, pink, gray, yellow, greenCable weigth58,3 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore A	Jacket Color	gray
Stranding 8 wires around Core filler twisted   Filler yes   wire arrangement brown, white, red, blue, pink, gray, yellow, green   Cable weigth 58,3 g/m   Material jacket PVC   Shore hardness jacket 85 ± 5 Shore A	Type of Certificate	cURus
Filler yes   wire arrangement brown, white, red, blue, pink, gray, yellow, green   Cable weigth 58,3 g/m   Material jacket PVC   Shore hardness jacket 85 ± 5 Shore A	Amount stranding	1
wire arrangement brown, white, red, blue, pink, gray, yellow, green   Cable weigth 58,3 g/m   Material jacket PVC   Shore hardness jacket 85 ± 5 Shore A	Stranding	8 wires around Core filler twisted
Cable weigth 58,3 g/m   Material jacket PVC   Shore hardness jacket 85 ± 5 Shore A	Filler	yes
Material jacket PVC   Shore hardness jacket 85 ± 5 Shore A	wire arrangement	brown, white, red, blue, pink, gray, yellow, green
Shore hardness jacket 85 ± 5 Shore A	Cable weigth	58,3 g/m
•	Material jacket	PVC
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free	Shore hardness jacket	85 ± 5 Shore A
	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-06-24

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Outer-diameter (jacket)	6 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	8
Outer diameter insulation	1,2 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 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	3 A
Electrical resistance line constant wire	79 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 °C
Operating temperature max. (dynamic)	0° 08
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)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter

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