

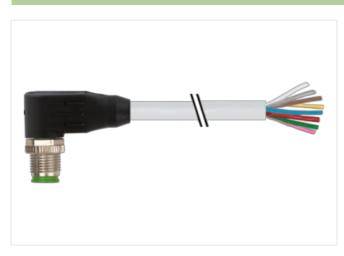
## M12 male 90° A-cod. with cable

PVC 8x0.25 gy UL/CSA 5m

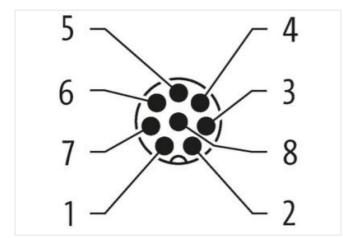
Male 90° M12, 8-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

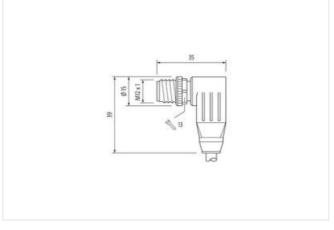
## Link to Product

Illustration



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	BN	
	GN	
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	GY	
	PK	
	BU	
	RD	





Product may differ from Image



Cable length

5 m

Side 1

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: 2024-05-18

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Family construction form     M12       Material     PUR       Width across flats     SW13       Commercial data     ECLASS-6.0       ECLASS-6.0     27279218       ECLASS-6.1     27279218       ECLASS-7.0     27060311       ECLASS-9.0     27060311       ECLASS-12.0     27060311       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4065909057933       Packaging unit     1       Electrical data   Supply     200       Operating voltage AC max.     30 V       Operating voltage DC max.     30 V       Installation   Connection     1       Mounting set     M12 x 1       Device protection   Electrical     3       Polution Degree     3	Tightening torque	0,6 Nm
MeterialPURWoth accos flata9VII3Commercial data9VII3ECIASS 6.02779218ECIASS 6.02779218ECIASS 7.02727218ECIASS 8.027279218ECIASS 8.027000311ECIASS 8.027000311ECIASS 8.027000311ECIASS 8.10.127000311ECIASS 8.10.227000311ECIASS 8.10.326000311ECIASS 8.10.427000311ECIASS 8.10.427000311ECIASS 8.10.427000311ECIASS 8.10.427000311ECIASS 8.10.526001855ECIASS 9.1127000311ECIASS 9.1127000311ECIASS 9.1127000311ECIASS 9.1127000311ECIASS 9.1127000311ECIASS 9.1127000311ECIASS 9.1127000311ECIASS 9.1127000311ECIASS 9.11300Operating vilagin AG max.30 VOperating vilagin EC max.30 VOperating vilagin EC max.30 VDevice prodecion   Ecurical31Meterial account EC max.30 VMeterial account EC max.30 VDevice prodecion   Ecurical31Meterial account EC max.30 VDevice prodecion   Ecurical42 1Device prodecion   Ecurical42 1Device prodecion   Ecurical42 1Device prodecion   Ecurical53Device prodecion   Ecurical54 CDevice prodecion   Ecurical54 CD	Mounting method	inserted, screwed
With across flats     SW13       Commonital data	Family construction form	M12
Commercial data       ECLASS 8.0     27279218       ECLASS 8.1     27279218       ECLASS 8.0     27279218       ECLASS 8.0     27279218       ECLASS 8.0     27279218       ECLASS 8.0     27260311       ECLASS 8.0     27050311       ECLASS 8.10.1     27050311       ECLASS 9.10.1     1       Exterical distants of Deconcion     270       Exterical distants 0.10     270       Exterical distants 0.10     270 C       Exterical distants 0.10     280 C       Exterical distant 0.10     280 C <t< td=""><td>Material</td><td>PUR</td></t<>	Material	PUR
ECLASS-6.0     27279218       ECLASS 5.0     27260311       ECLASS 5.1.1     27060311       ECLASS 5.1.2     27060311       ECLASS 5.2.0     2706031       Material for Units     4006500607833       Packaging unit     1       Electrical data 16401 \$0000     30       Material group UEL 6061     1       Packaging units \$12 \$1     1       Beckard arge voltage     0.8 kV       Material group (EC 60664-1)     1	Width across flats	SW13
ECLASS 6.1     27279218       ECLASS 7.0     27279218       ECLASS 8.0     27279218       ECLASS 8.0.     27260311       ECLASS 5.0.1     27060311       ECLASS 5.1.1     27060311       ECLASS 5.2.0     2706031       Packaging unit     1       Electrical data [Suppit     2       Operating voltage Consx.     30 V       Backaging unit     1       Backaging unit     1       Backaging unit     1       Backaging unit     1       Backaging voltage Consx.	Commercial data	
ECLASS 6.1     27279218       ECLASS 7.0     27279218       ECLASS 8.0     27279218       ECLASS 8.0.     27260311       ECLASS 5.0.1     27060311       ECLASS 5.1.1     27060311       ECLASS 5.2.0     2706031       Packaging unit     1       Electrical data [Suppit     2       Operating voltage Consx.     30 V       Backaging unit     1       Backaging unit     1       Backaging unit     1       Backaging unit     1       Backaging voltage Consx.	ECLASS-6.0	27279218
ECLASS 7.0     2727218       ECLASS 8.0     27278218       ECLASS 9.0     27660311       ECLASS 9.10.1     27060311       ECLASS 10.1     27060311       ECLASS 11.1     27060311       ECLASS 12.0     27060312       Devisor portage DCmax.     30 V       Operating voltage DCmax.     30 V       Devisor portage DCmax.     30 V       Devisor portage DCmax.     30 V       Devisor portage DCmax.     30 V       Evisor portage DCmax.     30 V       Devisor portage DCmax.     30 V       Devisor portage DCmax.     30 V		
ECLASS-8.0     27279613       ECLASS-0.0     27060311       ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ETLM S.0     EC001855       customs striff rumber     8544290       GTIN     4069599037333       Packaging unt     1       Electrical data   Supply     Coperating voltage AC max.       Operating voltage AC max.     30 V       Operating voltage AC max.     30 V       Device protection   Electrical        Maining set     M12 x 1       Device protection   Electrical        Material acrow aconecion     Zin Gui-casting       Environmental characteristical Climatic        Coaling of filting     nickol plated       Material acrow aconecion     Zin Gui-casting       Contrage of filting main relied     Prolecasting on cable quality		
ECLASS-9.0     27060311       ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ECLASS-13.1     27060311       ECLASS-14.0     27060311       ECLASS-13.0     EC001855       customs tarff number     E6444290       GTIN     4069609057933       Packaging unit     1       Edecrical dia I Supply     Comparing voltage AC max.       Operating voltage AC max.     30 V       Operating voltage AC max.     30 V       Device protection   Electrical     Comparing voltage AC max.       Mouning est     M12 x 1       Device protection   Electrical     Comparing voltage AC max.       Polluion Degrade     3       Read Surge voltage     0.8 kV       Material group (EC 60684-1)     1       Mechanical data   Material data     Comparing tomparing tompa		
ECLASS-10.1     27060311       ECLASS-11.0     27060311       ECLASS-12.0     27060311       ETM-5.0     EC001855       cuatoms tariff number     B544239       GTIN     4065939057933       Packaging unit     1       Electrical data [ Supply		27060311
ECLASS-11.1 27060311   ECLASS-12.0 27060311   ECMAS.0 EC010555   castoms tarff number 85444290   GTIN 4065909057933   Packaging unit 1   Electrical data   Supply    Operating voltage AC max. 30 V   Operating voltage DC max. 30 V   Operating voltage DC max. 30 V   Operating voltage DC max. 30 V   Device protection   Electrical    Policin Degree 3   Rated surge voltage 0.8 kV   Material group (EC 60664-1) 1   Material acrew connection Znc cle casting   Environmental characteristics   Climatic Coperating voltage AC max.   Operating ungerature mix. 25 °C   Operating ungerature mix. 25 °C   Operating ungerature mix. 25 °C   Operating lemperature mix. 45 °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 tise.   Note on start relife Attention: Observe the permissible bonding radii when laying cables, as the IP protection class can be endingered by excessive bending forces.   Instalation (Cable Cable Type		
ETIM-5.0 EC001855   customs tatiff number 85444290   GTIM 4065609057933   Packaging unit 1   Electrical data   Supply    Operating voltage AC max. 30 V   Operating voltage DC max. 30 V   Operating voltage DC max. 30 V   Mounting set M12 x 1   Device protection   Electrical    Pollution Dagree 3   Reted surge voltage 0.8 kV   Material group (EC 6064-1) 1   Material group (EC 6064-1) 1   Material group (EC 6064-1) 1   Material acrow connection Zinc dia casting   Environmental characteristics   Climatic Coperating voltage   Operating temperature min. -25 °C   Operating temperature max. 85 °C   Additional contion temperature max. 85 °C   Additional contion temperature max. 85 °C   Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tes.   Installation roles Attention: Observer by permissible bending radii when laying cables, as the IP protection class can be endangered by occessive bending forces.   Installation [Cable Cable dong forces   Cable dong madi 1   Jacket Color	ECLASS-11.1	
customs tariff number     85444280       GTIN     4065909057933       Packaging unit     1       Electrical data   Supply     20       Operating voltage AC max.     30 V       Installation   Connection     30 V       Mounting set     M12 x 1       Device protection   Electrical     20       Polition Degree     3       Batel surge voltage     0.8 kV       Material group (EC 60664-1)     1       Mechanical data   Material data     20       Coating of fitting     nickel plated       Material stree work connection     Zinc die-asting       Environmental charcteristics   Climatic     20       Operating temperature min.     -25 °C       Operating temperature min.     -25 °C       Operating temperature min.     -25 °C       Additional contificion temperature max.     85 °C       Additional contificion temperature max.     85 °C       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Installation notes     andargered by excessive bending forces.       Installation (Cable	ECLASS-12.0	27060311
customs tariff number     85444280       GTIN     4065909057933       Packaging unit     1       Electrical data   Supply     20       Operating voltage AC max.     30 V       Installation   Connection     30 V       Mounting set     M12 x 1       Device protection   Electrical     20       Polition Degree     3       Batel surge voltage     0.8 kV       Material group (EC 60664-1)     1       Mechanical data   Material data     20       Coating of fitting     nickel plated       Material stree work connection     Zinc die-asting       Environmental charcteristics   Climatic     20       Operating temperature min.     -25 °C       Operating temperature min.     -25 °C       Operating temperature min.     -25 °C       Additional contificion temperature max.     85 °C       Additional contificion temperature max.     85 °C       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Installation notes     andargered by excessive bending forces.       Installation (Cable	ETIM-5.0	EC001855
Packaging unit     1       Electrical data   Supply     30 V       Operating voltage AC max.     30 V       Installation   Connection     30 V       Installation   Connection     Mounting set     M12 x 1       Device protection   Electrical     90 V       Pollution Degree     3     Rated surge voltage     0.8 kV       Material group (EC 60664-1)     1     I     Image: Section (EC 60664-1)     Image: Section (EC 6	customs tariff number	85444290
Packaging unit   1     Electrical data   Supply   V     Operating voltage AC max.   30 V     Ibsallation   Connection   V     Mounting set   M12 x 1     Device protection   Electrical   Pollution Dagree     Pollution Dagree   3     Rated aurge voltage   0.8 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   Coating of fitting     Coating of fitting   nickle plated     Material screw connection   Zin cele-casting     Environmental characteristics   Climatic   Coating of thing     Operating temperature max.   85 °C     Addition temperature max.   85 °C     Addition temperature max.   85 °C     Addition to casting on cable quality   Important installation notes     Note on schain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.     Note on schain relief   207     Cable identification   207	GTIN	4065909057933
Electrical data   Supply       Operating voitage AC max.     30 V       Operating voitage DC max.     30 V       Installation   Connection     Mounting set     M12 x 1       Device protoction   Electrical      Pollution Degree     3       Rated surge voitage     0.8 kV     Material group (EC 60664-1)     1       Mechanical data   Material data      Coating of fitting     nickel plated       Coating of fitting     nickel plated     S     Coating of fitting     Coating of fitting       Portion temperature max.     85 °C     Coating of memperature max.     85 °C       Operating temperature max.     85 °C     Coating of memperature max.     85 °C       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.       Note on strain relief     Protect the permissible bending radii when laying cables, as the IP protection class can be endangered by accessive bending forces.       Installation I Cable     Coating of missible bending radii when laying cables, as the IP protection class can be endangered by accessive bending forces.       Installation I Cable     Coating radii when laying cables, as the IP protection class can be endangered by accessive bending forces.	Packaging unit	
Operating voltage AC max.     30 V       Operating voltage DC max.     30 V       Installation   Connection     Mult x 1       Device protection   Electrical     Notation   Connection       Pollution Degree     3       Rated surge voltage     0.8 kV       Material group (IEC 6064-1)     1       Mechanical data   Material data     Coating of fitting       Coating of fitting     nickel plated       Material screw connection     Zinc die-casting       Environmental characteristics   Climatic     Operating temperature min.       -25 °C     Operating temperature min.       -26 °C     Addinonal condition temperature range       Addinonal condition temperature range     Attention: Observe the perminsibib bending radii when laying cables, as the IP prot		
Operating voltage DC max.     30 V       Installation   Connection     Mul2 x 1       Device protection   Electrical     P       Pollution Degree     3       Rated surge voltage     0.8 kV       Material group (IEC 60064-1)     1       Mechanical data   Material data     Coating of fitting       Coating of fitting     nickel plated       Material grows connection     Zinc die-casting       Environmental characteristics   Climatic     Operating temperature max.       Operating temperature max.     85 °C       Operating temperature range     depending on cable quality       Important installation notes     Material condition temperature range       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     Coalie Infinite       Cable identification     207       Cable identification     207       Cable identification     207       Cable identification     207       Type of Carli		20.1/
Installation   Connection       Mounting set     M12 x 1       Device protection   Electrical     Pollution Degree     3       Rated surge voltage     0,8 kV       Material group (EG 6066-1)     1       Mechanical data   Material data     Inckel plated       Coating of fitting     nickel plated       Material group (EG 6066-1)     I       Mechanical data   Material data     Inckel plated       Coating of fitting     nickel plated       Material screw connection     Zinc die-casting       Environmental characteristics   Climatic     Coating of fitting       Operating temperature main.     -25 °C       Operating temperature main.     -85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Note on strain relief       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Installation   Cable     Coale diverse beammissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation   Cable     207       Cable forpe     1       Lacket Color <td></td> <td></td>		
Mounting set     M12 x 1       Device protection   Electrical		30 V
Device protection   Electrical       Pollution Degree     3       Rated surge voltage     0,8 kV       Material group (IEC 6066-1)     1       Mechanical data   Material data     Inckel plated       Coating of fitting     nickel plated       Material screw connection     Zinc clie-casting       Environmental characteristics   Climatic     Operating temperature min.       -25 °C     Operating temperature max.       Additional condition temperature range     depending on cable quality       Important Installation notes     Installation codes       Nole on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Installation   Cable     207       Cable Type     1       Jacket Color     gray       Type of Certificate     UBus       Amount stranding     1       Stranding     8 wires around Core filler twisted       Filler     yes       wire arrangement     brown, white, red, blue, pink, gray, yellow, green       Cable type     58.3 g/m       Material sceket     88.3 g/m	Installation   Connection	
Pollution Degree     3       Rated surge voltage     0.8 kV       Material group (IEC 60664-1)     1       Mechanical data [Material data     Coating       Material screw connection     Zinc die-casting       Environmental characteristics   Climatic     Cooperating temperature min.       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Statution: Observe the permissible bending radii when laying cables, as the IP protection class can be ending for ces.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Atterion: Observe the permissible bending radii when laying cables, as the IP protection class can be ending forces.       Installation   Cable       Cable Identification     207       Cable Identification     207       Cable Identification     gray       Type of Certificate     CJNus       Amount stranding     1       Stranding     8 wires around Core filler twisted       Filler     yes       wire arangement     brown, white, red	Mounting set	M12 x 1
Rated surge voltage     0.8 kV       Material group (IEC 60664-1)     I       Mechanical data [Material data     Coating       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     Material screw 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     Coating radius       Cable identification     207       Cable Identification     207       Cable Identificate     ClRus       Amount stranding     1       Stranding     1       Stranding     1       Stranding     1       Stranding     8 wires around Core filler twisted       Filler     yes       wire arangement     brown, white, red, blue, pink, gray, yellow, green       Cable weighth	Device protection   Electrical	
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.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Note on strain relief     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   207     Cable Identification   207     Cable Identificate   QURus     Amount stranding   1     Stranding   8 wires around Core filler twisted     Filler   yes     wire arangement   brown, white, red, blue, pink, gray, yellow, green     Cable wighth   58, 3g /m     Material jacket   PVC     Shore hardness jacket   85 ± 5 Shore A	Pollution Degree	3
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 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     207       Cable identification     207       Cable identification     207       Cable identification     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 weighth     58.3 g/m       Material jacket     PVC       Shore hardnes	Rated surge voltage	0,8 kV
Coating of fitting     nickel plated       Material screw connection     Zinc die-casting       Environmental characteristics   Climatic     Coperating temperature min.     -25 °C       Operating temperature max.     85 °C     Control on temperature range     depending on cable quality       Important installation notes     Material screw 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     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       Material jacket     PVC       Shore hardness jacket     85 ± 5 Shore A </td <td>Material group (IEC 60664-1)</td> <td>I</td>	Material group (IEC 60664-1)	I
Material screw connection   Zinc die-casting     Environmental characteristics   Climatic     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   motion temperature range     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     Cable identification   207     Cable identification   207     Cable Type   1     Jacket Color   gray     Type of Certificate   cURus     Amount 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	Mechanical data   Material data	
Environmental characteristics   ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature magedepending on cable qualityImportant installation notesProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.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   Cable207Cable identification207Cable Type1Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding8 wires around Core filler twistedFilleryeswire arrangementbrown, white, red, blue, pink, gray, yellow, greenCable weight58,3 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore A	Coating of fitting	nickel plated
Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   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   207     Cable identification   207     Cable 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	Material screw connection	Zinc die-casting
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   Cable identification     Cable identification   207     Cable 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	Environmental characteristics   Climatic	
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   Cable identification     Cable identification   207     Cable 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	Operating temperature min.	-25 °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   Cable identification     Cable identification   207     Cable 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	Operating temperature max.	85 °C
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Installation   CableCable identification207Cable Type1Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding8 wires around Core filler twistedFilleryeswire arrangementbrown, white, red, blue, pink, gray, yellow, greenCable weigth58,3 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore A		Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Cable identification207Cable Type1Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding8 wires around Core filler twistedFilleryeswire arrangementbrown, white, red, blue, pink, gray, yellow, greenCable weigth58,3 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore A		endangered by excessive bending forces.
Cable Type1Jacket ColorgrayType of CertificatecURusAmount 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 ColorgrayType of CertificatecURusAmount stranding1Stranding8 wires around Core filler twistedFilleryeswire arrangementbrown, white, red, blue, pink, gray, yellow, greenCable weigth58,3 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore A		
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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		
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Filleryeswire arrangementbrown, white, red, blue, pink, gray, yellow, greenCable weigth58,3 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore A		
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 weigth 58,3 g/m   Material jacket PVC   Shore hardness jacket 85 ± 5 Shore A		
Material jacket PVC   Shore hardness jacket 85 ± 5 Shore A		
Shore hardness jacket 85 ± 5 Shore A	-	
Freedom trom ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free		
	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: 2024-05-18

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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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