

## M12 male 0° A-cod. with cable

PUR 8x0.25 ye UL/CSA+drag ch. 2m

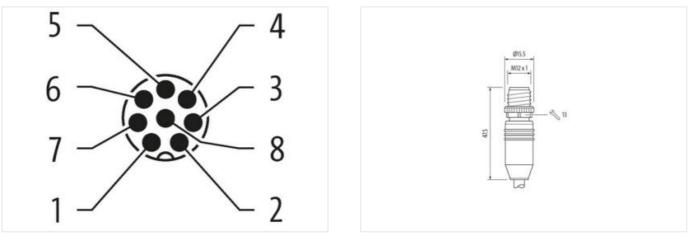
Male straight M12, 8-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable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

## Link to Product

Illustration



-	WH	
	BN	
	GN	
	YE	
	GY	
	PK	
	BU	
	RD	



Product may differ from Image



2 m

0,6 Nm

Cable length

Side 1

Tightening torque

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: 2024-05-09

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Family construction form     M12       Material     PUR       Width across flats     SW13       Commorcial data     EUCASS-60       ECLASS-61     2279218       ECLASS-63     2279218       ECLASS-60     2779218       ECLASS-61     2279218       ECLASS-60     2779218       ECLASS-60     2779218       ECLASS-60     2779218       ECLASS-60     2779218       ECLASS-61     2779218       ECLASS-60     2779218       ECLASS-61     27000311       ECLASS-61     27000311       ECLASS-61     27000311       ECLASS-62     27001       Operating voltage CC max.     30 V       Operating voltage CO max.     31 V       Meterid orong fitting     Mick 1 <th>Mounting method</th> <th>inserted, screwed</th>	Mounting method	inserted, screwed
With across flats     SW13       Commercial data	Family construction form	M12
Commercial data       ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-7.0     27279218       ECLASS-7.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-9.0     27060311       ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     2706031       ECLASS-12.0     2706031       Eclass-12.0     2706031       Eclass-12.0     2706031       Eclass-12.0     270603       Packaging unit     1       Ecletrical data I Suppt     2A       Eclass-12.0     2A       Eclass-12.0     2A       Eclass-12.0     2A       Ec	Material	PUR
ECLASS 6.0     27278219       ECLASS 6.1     27278219       ECLASS 6.1     27278219       ECLASS 7.0     27278219       ECLASS 7.0     27278219       ECLASS 7.0     27278219       ECLASS 7.0     27260311       ECLASS 7.0     27060311       Eclass 7.0     2706031       Eclass 7.0     2706031       Eclass 7.0     2706031       Eclass 7.0     20070000000000000000000000000000000000	Width across flats	SW13
ECI.ASS 6.1     27279218       ECI.ASS 6.0     27279218       ECI.ASS 6.0     27279218       ECI.ASS 6.0     2729218       ECI.ASS 6.0     2729218       ECI.ASS 6.1     27060311       ECI.ASS 7.0     27060311       ECI.ASS 7.1     27060311       ECI.ASS 7.2     27060311       ECI.ASS 7.2     2706031       Castom Staff Trumber     6544290       Castom Staff Trumber     6544290       Castom Staff Trumber     6544290       Packaging unit     1       Exercited Staff Supply     Constant Staff Supply       Operating voltage AC max.     30 V       Carrent operating pare cratted max.     2 A       Installation   Connection     Marcel and pare voltage       Mouring set     M12 x 1       Device protection   Electrical     Poluion Dagrae       Active atrait set use voltage     0.8 VV       Material group (ICC 60664-1)	Commercial data	
ECLASS-7.0     2229218       ECLASS-8.0     2279218       ECLASS-9.0     27060311       ECLASS-9.0     27060311       ECLASS-10.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ETIM-5.0     EC001855       outsom tailf number     6544290       OTN     4048879878050       Packaging unit     1       Electrical dial Supply     Electrical dial Supply       Operating voltage AC max.     30 V       Operating voltage DC max.     2 A       Installation   Connection     M12 x 1       Device protection   Electrical dia Vary ovitage     0 & AV       Pollution Degree     3       Rated surge voltage     0.8 kV       Material group (EC 06064 1)     1       Mechanical dia I Material data     Environmental Achacteristics   Climatic       Pollution Degree     3       Rated surge voltage     0.8 kV       Material sorew connection     Zinc die-casting       Environmental Achacteristics   Climatic     Electrical dia I Material data       Operating temperature main	ECLASS-6.0	27279218
ECLASS-8.0     27279218       ECLASS-9.0     27060311       ECLASS-9.0     27060311       ECLASS-10.1     27060311       ECLASS-12.0     2706031       ECLASS-12.0     2706031       ECLASS-12.0     2706031       ECLASS-12.0     2706031       ECLASS-12.0     2706031       ECLASS-12.0     2706031       Eclass ELIT     448879878050       Packaging unit     1       Eclass ELOTAR     2.4       Installicitol Connection     100       Mounting set     M12 × 1       Device protection   Electrical     11       Velcehanical data   Material data     101 × 1       Metanal arcoup (IEC 60684-1)     1       Material argo voltage     0.8 kV <td>ECLASS-6.1</td> <td>27279218</td>	ECLASS-6.1	27279218
ECLASS-8.0     27060311       ECLASS-10.1     27060311       ECLASS-11.3     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-13.0     EC001885       outsoms taff number     6544290       GTIN     4048279878050       Packaging unit     1       Electrical datal Supply     Coperating voltage AC max.       Operating voltage AC max.     30 V       Operating voltage AC max.     30 V       Current operating per contact max.     2 A       Installation I Connection     Mult 1       Mounting set     M12 x 1       Device protection   Electrical data     Pollution Dagrae       Pollution Dagrae     3       Attest surge voltage     0.8 kV       Material screw connection     Zinc die- casting       Environmental characteristics [ Climatic data     Coperating offitting       Operating temperature max.     85 °C       Addition temperature range     depending on cable quality       Important installation notes     Note on stain relief       Nole on stain relief     Protect the connectors	ECLASS-7.0	27279218
ECLASS 10.1     27060311       ECLASS 11.1     27060311       ECLASS 12.0     27060311       ETM-50     EC001855       customs tariff number     85444290       GTIN     40489787050       Packagng unt     1       Etertical data   Supply	ECLASS-8.0	27279218
ECLASS-11.1     27660311       ECLASS-12.0     27660311       ECLASS-12.0     EC001855       customs tariff number     85444290       GTIN     4048879978050       Packaping unit     1       Electrical data   Supply     0       Operating voltage AC max.     30 V       Current operating per contact max.     2 A       Installation   Connection     Mult x 1       Device protection   Electrical     90 V       Pollution Degree     3       Rated surge voltage     0.8 kV       Material group (ICC 60664-1)     1       Mechanical data   Material data     Caching of Iting       Coparating represture max.     25 °C       Operating temperature max.     25 °C       Operating temperature max.     85 °C       Addition temperature max.     85 °C       Addition temperature max.     85 °C       Note on sharin relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on sharin relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on sharin relief	ECLASS-9.0	27060311
ECLASS-12.0     27060311       ETIM-5.0     EC001855       oustoms taiff number     8544290       GTIN     4048679878050       Packaging unit     1       Electrical data   Supply     Operating voltage AC max.       Operating voltage AC max.     30 V       Operating voltage AC max.     30 V       Current operating per contact max.     2 A       Installation   Connection     Mile X 1       Device protection   Electrical     Pollution Degree       Pollution Degree     3       Rated surge voltage     0.8 kV       Material group (Ele 60684-1)     1       Mechanical data   Material data     Calling of fitting       Material data   Material data     Calling of fitting       Conting of fitting     nickel plated       Material concellon     Zice discasting       Charter operature max.     25 °C       Operating temperature max.     85 °C       Additional condition temperature may     85 °C       Additional condition temperature may     85 °C       Note on strain relief     Protect the connactors by suitable measures from mechanical loads, e.g. by the usage o	ECLASS-10.1	27060311
ETM-5.0     EC001855       customs tailf number     8544230       GTN     4048379978050       Packaging unit     1       Electrical data [Supply        Operating voltage BC max.     30 V       Operating voltage DC max.     30 V       Operating voltage DC max.     30 V       Operating voltage DC max.     2 A       Installation I Connection     Max 1       Device protection I Electrical     Max 1       Device protection I Electrical     Device protection I Electrical       Pollution Degree     3       Rated surge voltage     0.8 kV       Material group (EC 60684-1)     1       Machanical data [Material data     Coating of fitting       Material serve connection     Zinc die-casting       Environmental characteristics [ Climatic     Coperating temperature max.       Operating temperature max.     85 °C       Addition temperature max.     85	ECLASS-11.1	27060311
customs tariff number 85444290   GTIN 4048879878050   Packaging unit 1   Electrical data   Supply   Operating voltage AC max. 30 V   Operating voltage DC max. 30 V   Current operating per contact max. 2 A   Installation   Connection Installation   Connection   Mounting set M12 x 1   Device protection   Electrical Polution Degree   Polution Degree 3   Rade surge voltage 0.8 kV   Material group (IEC 60664-1) 1   Mechanical data   Material data Coding of fitting   Material screw connection Zine die-casting   Environmental characteristics   Climatic Code-casting   Operating temperature min. -25 °C   Operating temperature min. -25 °C   Operating temperature max. 85 °C   Additional condition temperature range depending on cable quality   Important installation notes Attention: Observe the permissible bending radii when laying cables, e.g. by the usage of cable ites.   Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.   Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ending forces.   Ins	ECLASS-12.0	27060311
GTIN 4048879878050   Packaging unit 1   Electrical data   Supply   Operating voltage AC max. 30 V   Operating voltage AC max. 30 V   Current operating per contact max. 2 A   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 filting nickel plated   Material screw connection Zinc die-casting   Environmental characteristics   Climatic   Operating temperature min. 2.5 °C   Operating 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 strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.   Installation   Cable Cable tiest (Cable Tippe)   Jacket Color yellow   Type of Corridicate output   Additional 114   Cable Tippe 3   Jacket Color yellow   Type of Corriditin the protection class cand be endanger	ETIM-5.0	EC001855
Packaging unit 1   Electrical data   Supply   Operating voltage AC max. 30 V   Operating voltage AC max. 30 V   Current operating per contact max. 2 A   Installation   Connection Muting set   Mounting set M12 x 1   Device protection   Electrical Pollution Degree   9 allot on Degree 3   Rated surge voltage 0,8 kV   Material group (IEC 60664-1) 1   Mechanical data   Material data   Coating of fitting mickel plated   Material screw connection Zinc die-casting   Environmental characteristics   Climatic   Operating temperature min. -25 °C   Operating temperature max. 65 °C   Additional condition temperature range depending on cable quality   Important installation notes Nettoric: Desversity suitable measures from mechanical loads, e.g. by the usage of cable fies.   Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fies.   Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fies.   Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fies.   Note on strain relief Protect the connectors by suitab	customs tariff number	85444290
Electrical data   Supply       Operating voltage AC max.     30 V       Operating voltage DC max.     30 V       Current operating per contact max.     2 A       Installation   Connection     M12 x 1       Device protection   Electrical     M12 x 1       Pollution Degree     3       Rated surge voltage     0.8 kV       Material group (EG 60664-1)     1       Mechanical data   Material data     Coating of fitting       Coparing femporature min.     -25 °C       Operating temporature 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 lies.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Installation   Cable	GTIN	4048879878050
Operating voltage AC max.     30 V       Operating voltage AC max.     30 V       Current operating per contact max.     2 A       Installation   Connection     Installation   Connection       Mounting set     M12 x 1       Device protection   Electrical     Particle Cooler   Electrical       Pallution 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     Coating on cable quality       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature may     depending on cable quality       Importal installation notes     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation   Cable     Sime around Core filler twisted       Cable identification     114       Cable identification     1       Stranding     1	Packaging unit	1
Operating voltage DC max.     30 V       Current operating per contact max.     2 A       Installation   Connection     Mounting set     M12 x 1       Device protection   Electrical     Pollution Degree     3       Rated surge voltage     0.8 kV     Material group (IEC 6068-1)     I       Mechanical data   Material data     Coating of fitting     nickel plated     Material group (IEC 6068-1)     I       Material group (IEC 6068-1)     I     Image: Coating of fitting     Coating of fitting     nickel plated       Material screw connection     Zinc die-casting     Zinc die-casting     Environmental characteristics   Climatic       Operating temperature max.     85 °C     Additional condition temperature range     depending on cable quality       Important Installation notes     Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation   Cable     Coale Identification     114       Cable Identification     114     Cable Type     3       Jacket Color     yellow     Ype of Certificate     cURus       Amount stranding     1     Stranding	Electrical data   Supply	
Operating voltage DC max.     30 V       Current operating per contact max.     2 A       Installation   Connection     Mounting set     M12 x 1       Device protection   Electrical     Pollution Degree     3       Rated surge voltage     0.8 kV     Material group (IEC 60664-1)     I       Mechanical data   Material data     Coating of fitting     nickel plated     Material group (IEC 60664-1)     I       Methanical data   Material data     Coating of fitting     nickel plated     Material group (IEC 60664-1)     I       Methanical data   Material data     Coating of fitting     nickel plated     Material screw connection     Zinc die-casting       Environmental characteristics   Climatic     Coperating temperature max.     85 °C     Additional condition temperature range     depending on cable quality       Important Installation notes     Note on stain 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     Color     yellow       Type of Cerificate     cURus     Amount	Operating voltage AC max.	30 V
Current operating per contact max.   2 Å     Installation   Connection   Mutring set   M12 x 1     Device protection   Electrical   Pollution Degree   3     Rated surge voltage   0,8 kV   Material group (IEC 60664-1)   1     Mechanical data   Material data   Coating of fitting   nickel plated   Material group (IEC 60664-1)   1     Mechanical data   Material data   Coating of fitting   nickel plated   Material group (IEC 60664-1)   1     Material group (IEC 60664-1)   I   Image: State Surge voltage   0,8 kV     Material group (IEC 60664-1)   I   Image: State Surge voltage   0,8 kV     Material group (IEC 60664-1)   I   Image: State Surge voltage   0,8 kV     Material screw connection   Zinc die-casting   Image: State Surge voltage   0,8 kV     Material screw connection   Zin cite-casting   Emvironmental characteristics   Climatic   Operating temperature max.   85 °C     Additional condition temperature max.   85 °C   Additional condition temperature may.   85 °C     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ides.   Note on strain relief   Note cessive bending forces. <td></td> <td>30 V</td>		30 V
Mounting set     M12 x 1       Device protection   Electrical       Pollution Degree     3       Rated surge voltage     0.8 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Image: Constraint of the state of the		2 A
Device protection   Electrical       Pollution Degree     3       Rated surge voltage     0,8 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Coating of fitting       Coating of fitting     nickel plated       Material screw connection     Zinc clie-casting       Environmental characteristics   Climatic     Operating temperature min.       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 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 Type       Cable Type     3       Jacket Color     yellow       Type of Certificate     cURus       Amount stranding     1       Stranding     8 wires around Core filler twisted       Filler     yes <t< td=""><td>Installation   Connection</td><td></td></t<>	Installation   Connection	
Pollution Degree     3       Rated surge voltage     0.8 kV       Material group (IEC 60664-1)     I       Mechanical data   Material data     Coating of fitting     nickel plated       Material screw connection     Zinc die-casting     Image: Commental 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     Enclore       Cable identification     114       Cable Color     yellow       Type of Certificate     cURus       Anomit stranding     1       Stranding     8 wires around Core filler twisted       Filler     yes       wire arrangement     brown, white, red, blue, pink, gray, yellow, green       Traversing distance (C-track)     10 m @ 25 °C   horizontal       Cable w	Mounting set	M12 x 1
Rated surge voltage   0,8 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   Coating of fitting   nickel plated     Material screw connection   Zinc die-casting     Environmental characteristics   Cilmatic   Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     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   114     Cable identification   114     Cable Color   yellow     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	Device protection   Electrical	
Material group (IEC 60664-1)   I     Mechanical data   Material data     Coating of fitting   nickel plated     Material screw connection   Zinc cle-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 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   114     Cable Type   3     Jacket Color   yellow     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     Traversing distance (C-track)   10 m @ 25 °C   horizontal	Pollution Degree	3
Mechanical data   Material data       Coating of fitting     nickel plated       Material screw connection     Zinc die-casting       Environmental characteristics   Climatic     Operating temperature min.       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     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     114       Cable Color     yellow       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       Traversing distance (C-track)     10 m @ 25 °C   horizontal	Rated surge voltage	0,8 kV
Coating of fitting     nickel plated       Material screw connection     Zinc die-casting       Environmental characteristics   Climatic     C       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 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 Type     3       Jacket Color     yellow       Type of Cartificate     cURus       Amount stranding     1       Stranding     8 wires around Core filler twisted       Filler     yes       wire arrangement     brown, white, red, blue, pink, gray, yellow, green       Traversing distance (C-track)     10 m @ 25 °C   horizontal	Material group (IEC 60664-1)	
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 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   114     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     Traversing distance (C-track)   10 m @ 25 °C   horizontal     Cable weigth   51,7 g/m	Mechanical data   Material data	
Oreating temperature min.     -25 °C     Operating temperature max.   85 °C     Additional condition temperature mage   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   114     Cable Color   yellow     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     Traversing distance (C-track)   10 m @ 25 °C   horizontal     Cable weigth   51,7 g/m	Coating of fitting	nickel plated
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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   Cable identification     Cable identification   114     Cable I/ppe   3     Jacket Color   yellow     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     Traversing distance (C-track)   10 m @ 25 °C   horizontal     Cable weigth   51,7 g/m	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   114     Cable Type   3     Jacket Color   yellow     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     Traversing distance (C-track)   10 m @ 25 °C   horizontal     Cable weigth   51,7 g/m	Operating temperature min.	-25 °C
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     114       Cable 7ype     3       Jacket Color     yellow       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       Traversing distance (C-track)     10 m @ 25 °C   horizontal       Cable weigth     51,7 g/m	Operating temperature max.	85 °C
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   CableCable identification114Cable Type3Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding8 wires around Core filler twistedFilleryeswire arrangementbrown, white, red, blue, pink, gray, yellow, greenTraversing distance (C-track)10 m @ 25 °C   horizontalCable weigth51,7 g/m	Additional condition temperature range	depending on cable quality
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   CableCable identification114Cable Type3Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding8 wires around Core filler twistedFilleryeswire arrangementbrown, white, red, blue, pink, gray, yellow, greenTraversing distance (C-track)10 m @ 25 °C   horizontalCable weigth51,7 g/m	Important installation notes	
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   CableCable identification114Cable Type3Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding8 wires around Core filler twistedFilleryeswire arrangementbrown, white, red, blue, pink, gray, yellow, greenTraversing distance (C-track)10 m @ 25 °C   horizontalCable weigth51,7 g/m	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Cable identification114Cable Type3Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding8 wires around Core filler twistedFilleryeswire arrangementbrown, white, red, blue, pink, gray, yellow, greenTraversing distance (C-track)10 m @ 25 °C   horizontalCable weigth51,7 g/m	Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Cable Type3Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding8 wires around Core filler twistedFilleryeswire arrangementbrown, white, red, blue, pink, gray, yellow, greenTraversing distance (C-track)10 m @ 25 °C   horizontalCable weigth51,7 g/m	Installation   Cable	
Jacket Color   yellow     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     Traversing distance (C-track)   10 m @ 25 °C   horizontal     Cable weigth   51,7 g/m	Cable identification	114
Type of CertificatecURusAmount stranding1Stranding8 wires around Core filler twistedFilleryeswire arrangementbrown, white, red, blue, pink, gray, yellow, greenTraversing distance (C-track)10 m @ 25 °C   horizontalCable weigth51,7 g/m	Cable Type	3
Amount stranding1Stranding8 wires around Core filler twistedFilleryeswire arrangementbrown, white, red, blue, pink, gray, yellow, greenTraversing distance (C-track)10 m @ 25 °C   horizontalCable weigth51,7 g/m	Jacket Color	yellow
Stranding   8 wires around Core filler twisted     Filler   yes     wire arrangement   brown, white, red, blue, pink, gray, yellow, green     Traversing distance (C-track)   10 m @ 25 °C   horizontal     Cable weigth   51,7 g/m	Type of Certificate	cURus
Filler yes   wire arrangement brown, white, red, blue, pink, gray, yellow, green   Traversing distance (C-track) 10 m @ 25 °C   horizontal   Cable weigth 51,7 g/m	Amount stranding	1
wire arrangement brown, white, red, blue, pink, gray, yellow, green   Traversing distance (C-track) 10 m @ 25 °C   horizontal   Cable weigth 51,7 g/m	Stranding	8 wires around Core filler twisted
Traversing distance (C-track) 10 m @ 25 °C   horizontal   Cable weigth 51,7 g/m	Filler	yes
Cable weigth 51,7 g/m	wire arrangement	brown, white, red, blue, pink, gray, yellow, green
	Traversing distance (C-track)	10 m @ 25 °C   horizontal
Material jacket PUR	Cable weigth	51,7 g/m
	Material jacket	PUR
Shore hardness jacket 90 ± 5 Shore A	Shore hardness jacket	90 ± 5 Shore A

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: 2024-05-09

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Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	5,8 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	8
Outer diameter insulation	1,2 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-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)	2,5 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
Flame resistance	UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2
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
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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