

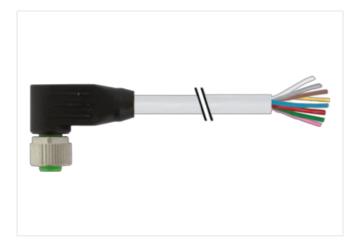
M12 female 90° A-cod. with cable

PUR 8x0.25 gy UL/CSA+drag ch. 2.5m

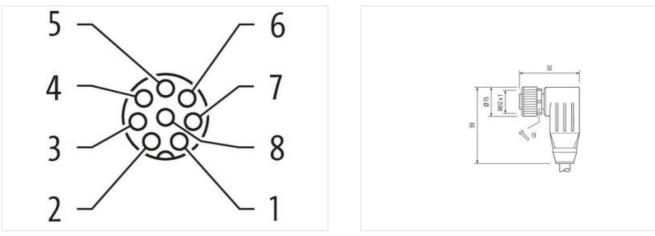
Female 90° M12, 8-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths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

Link to Product

Illustration



>		
	WH	
2	BU	
2	BK	
<u> </u>	GY	
)	PK	
	VT	
<u> </u>	OG	
,		



Product may differ from Image



2,5 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: 2024-05-20

Murrelektronik GmbH | Falkenstraße 3 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.com | shop.murrelektronik.com



Funktions M12 Width across flats PUR Width across flats SW13 Connectal dats ECLASS-6.0 ECLASS-7.0 27270218 ECLASS-6.0 27270218 ECLASS-6.0 27270218 ECLASS-6.0 2726031 ECLASS-6.0 27060311 ECLASS-10.1 27060311 ECLASS-12.0 27080311 ECLASS-12.0 27080311 ECLASS-13.1 27060311 Eclass-14.0 494897863172 Packanju unit 1 Eclass-12.0 30 V Construit data ISupply 30 V Packanju unit 1 Packanju unit 1 Packanju unit 1 <th>Mounting method</th> <th>inserted, screwed</th>	Mounting method	inserted, screwed
Widt across fals SW13 Commercial data	Family construction form	M12
Commercial data ECLASS 6.0 27278218 ECLASS 7.0 27278218 ECLASS 7.0 27278218 ECLASS 7.0 27278218 ECLASS 7.0 27260311 ECLASS 7.1 27060311 ECLASS 7.1 27060311 ECLASS 7.1 27060311 ECLASS 7.1 27060311 ECLASS 7.0 4048790 GN 40487906170 Packagny unt 1 Ectrical data [Suppiy 0 Operating voltage AC max. 30 V Restation Connection M12 x 1 Device protection Electrical 0 Material group (EC 60664-1) 1 Material group (EC 60664-1) 1 Material group (EC 60664-1) 1 Material group (E	Material	PUR
ECLASS 4.0 27270218 ECLASS 7.0 27278218 ECLASS 5.0 27278218 ECLASS 5.0 27260311 ECLASS 1.0 27060311 ECLASS 1.1 27060311 ECLASS 1.2 27060311 ECLASS 1.0 27060311 ECLASS 1.0 27060311 ECLASS 1.0 ECO01855 catoms taff funcher 85444290 Grith 404897963179 Packajng unt 1 Etercical data I Supply Operating voltage AC max. 30 V Operating voltage AC max. 30 V Etercical data I Supply Etercical data I Supply Operating voltage AC max. 30 V Descritig voltage AC max. 30 V Etercical data I Supply Mounting act M12x 1 Device proteColor Electrical Material group (ECC 6066-1) 1 Mechanical data I Material data Coating of fitting mich platad Material group	Width across flats	SW13
ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 270603179 Packaging unit 1 Electrical disal Suppy 20 Operating worbage AC max. 30 V Installation Connection 1 Backaging overbage 0.8 V Material group (EC 60564-1) 1	Commercial data	
ECLASS-8.0 27279218 ECLASS-9.0 2760311 ECLASS-9.0 2760311 ECLASS-1.1 2760311 ECLASS-12.0 27603179 Packaging unit 1 Electrical datal Suppy Decrafting voltage AC max. Operating voltage DC max. 30 V Posting voltage DC max. 30 V Posting rotage DC max. 30 V Posting voltage AC max. 30 V Posting Voltage AC max. 30 V Posting Voltage AC max. <td>ECLASS-6.0</td> <td>27279218</td>	ECLASS-6.0	27279218
ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 EC0018655 catoms tarff number 8544290 GTIN 404897863179 Packaging unit 1 Electrical data Supply Operating voltage AC max. 30 V Installation Connection Mauring set M12 x 1 Device protection Electrical Pollution Degree 3 Rated surge voltage 0.8 kV Material group (EC 60604.1) 1 Mechanical data Material data Coaling of fitting nickel plated Coaling of fitting nickel plated Coaling on stain relief Portect the connectors by subleb measures from mechanical loads, e.g. by the uagg of cable lies. Note on stain relief Portect the connectors by subleb measures from mechanical loads, e.g. by the uagg of cable lies. Note on stain relief Portect the connectors by subleb measures from mechanical loads, e.g. by the uagg of cable lies. Note on stain relief<	ECLASS-7.0	27279218
ECLASS-10.1 27060311 ECLASS-20 27060311 ECLASS-20 27060311 ETM-50 EC001955 customs tariff number 85444280 GTIN 404879693179 Packaging unl 1 Etercted data Suply U Operating voltage AC max. 30 V Operating voltage AC max. 30 V Deprating voltage AC max. 30 V Installiation Connection Mit x 1 Device protection Electrical Material strome (Electrical) Material strome (Electrical) 1 Material strome (Electrical) 1 Material strome (Electrical) 1 Material strome voltage 0.8 kV Material strome (Electrical) Zinc die-casting Environmental characteristics Climatio Zinc die-casting Environmental characteristics Climatio Sinc Gincasting	ECLASS-8.0	27279218
ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 EC001855 customs tariff number 85444290 GTIN 404897963179 Packaging unit 1 Electrical data Supply Constraint Operating voltage AC max. 30 V Operating voltage AC max. 30 V Mounting set M12 x 1 Device protection Electrical Mounting set M12 x 1 Device protection Electrical Pollution Degree 3 Ratifa Surge voltage 0.6 kV Material group (IEC 60064-1) 1 Material screw connection Zinc die casting Environmental characteristics Climatic Coperating elemporature min. Operating temporature min. 25 °C Oporating temporature max. 85 °C Additional condition temperature range depending on cable quality Importal installation notes Note on stain relief Note on stain relief Polect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on stain relief Polect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on stain relief Polect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable f	ECLASS-9.0	27060311
ECLASS-12.0 27060311 ETIM-5.0 EC001855 oustoms taiff number 6544290 GTIN 4048879863179 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 Bevice protection Electrical Pollution Dagree Pollution Dagree 3 Rated surge voltage 0.8 kV Material group (IEC 60664-1) 1 Caaling of fitting nickel plated Material screw connection Znc die-casting Environmental characteristics Climatic Operating remperature max. Additional condition temperature max. 85 °C Additional condition temperature may. 85	ECLASS-10.1	27060311
ETIM 5.0 EC001855 customs tuiff number 85444290 GTIN 4048879803179 Packaging unit 1 Electrical data Supply Operating voltage AC max. 30 V Operating voltage DC max. 30 V Installation Connection 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 Conting of timing nickel plated Environmental characteristics Gimatic Coperating temperature max. 85 °C Addition temperature max. 85 °C Addition tenterature max. 85 °C Addition tenterature max. 85 °C Note on stain reliel Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tiles. Note on stain reliel Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tiles. Note on stain reliel Protect th	ECLASS-11.1	27060311
customs tariff number 85444290 GTIN 4048879863179 Packaging unit 1 Electrical dia [Supply Operating voltage AC max. 30 V Installation Connection Mounting set M12 x 1 Device protection Electrical Polution Degree 3 Rated surge voltage 0.8 kV Material group (Ele 60664-1) 1 Mechanical data Material data Coating of fitting nickel plated Material screw connection Zinc die casting Environmentia characteristits Climatic Operating temperature max. 85 °C Additional condition temperature may. 40 excessive tempersistile bending radii when laying cables, as the IP protection class can be ending radii when laying cables, as the IP protection class can be ending torces. Instalinition Cable 295	ECLASS-12.0	27060311
GTIN 4048879863179 Packaging unit 1 Electrical data [Supply Operating voltage AC max. 30 V Operating voltage AC max. 30 V Installation Connection Mutry Mounting set M12 x 1 Device protection Electrical Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 6068-1) 1 Methanial data Material data Coaring 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 may. depending on cable quality Important installation notes Retention: Observe the parmissible bending radi when laying cables, as the IP protection class can be endangered by excessive bending forces. Istalication Cable 295 Cable Type 3 Jacket Color gray Type o Colificate cuRus Anount stranding 1 Stranding 8 wires around Core filler twis	ETIM-5.0	EC001855
Packaging unit 1 Electrical data [Supply	customs tariff number	85444290
Electrical data Supply Operating voltage AC max. 30 V Operating voltage DC max. 30 V Installation Connection Mil2 x 1 Device protection Electrical No 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 die-casting Environmental characteristics Climatic Cooperating temperature min. Operating temperature min. -25 °C Operating tempera	GTIN	4048879863179
Operating voltage AC max. 30 V Operating voltage DC max. 30 V Installation Connection Mul 2x 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 Coaling of filing Coaling of filing nickel plated Material screw connection Zinc die-casting Environmental characteristics Climatic Operating temperature min. Operating temperature min. -25 °C Operating temperature main. 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 lies. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Installation Cable Cable identification Cable identification 295 Cable identification 295 Cable identification 1 Stranding 1	Packaging unit	1
Operating voltage DC max. 30 V Installation Connection Mult x 1 Device protection Electrical Pollution Degree 3 Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) I Image: Surge voltage 0,8 kV Material group (IEC 60664-1) I Image: Surge voltage 0,8 kV Material group (IEC 60664-1) I Image: Surge voltage 0,8 kV Material screw connection Zine disc-casting Image: Surge voltage 0,8 kV Operating temperature min. -25 °C Operating temperature max. 65 °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 295 Cable Identification 295 Cable Type 3 Jacket Color gray	Electrical data Supply	
Operating voltage DC max. 30 V Installation Connection Mult x 1 Device protection Electrical Pollution Degree 3 Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) I Image: Surge voltage 0,8 kV Material group (IEC 60664-1) I Image: Surge voltage 0,8 kV Material group (IEC 60664-1) I Image: Surge voltage 0,8 kV Material screw connection Zine disc-casting Image: Surge voltage 0,8 kV Operating temperature min. -25 °C Operating temperature max. 65 °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 295 Cable Identification 295 Cable Type 3 Jacket Color gray	Operating voltage AC max.	30 V
Installation Connection Mounting set M12 x 1 Device protection Electrical Pollution Degree Pallution Degree 3 Rated surge voltage 0.8 kV Mabrial group (EC 60664-1) 1 Mechanical data Material data Coating of fitting Coating of fitting nickel plated Material screw connection Zinc die-casting Environmental characteristics Climatic Coating of fitting Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Si °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 permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Installation Cable Cable identification 295 Cable identification 295 Cable identificate Type of Certificate cURus Amount stranding 1 Stranding 8 wires around Core filler twisted		
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 Coating of fitting nickel plated Material screw connection Zinc die-casting Environmental characteristics Climatic 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 ites. Nate 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 295 Cable identification 295 Cable identification 295 Cable identificate cuRus Amount stranding 1 Stranding 8 wires around Core filler twisted Filler yes wire arrangement brown, orange, violet, pink, gray, black, blue, white<		
Device protection Electrical Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) 1 Mechanical data Material adta Coating of fitting Coating of fitting nickel plated Material screw connection Zinc die-casting Environmental characteristics Climatic Operating temperature max. 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 295 Cable Type 3 Jacket Color gray Type of Certificate URus Amount stranding 1 Stranding 8 wires around Core filler twisted Filler yes wire arrangement brown, orange, violet, pink, gray, black, blue, w		M12 × 1
Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) 1 Mechanical data [Material data	-	
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. 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 295 Cable IColor gray Type of Certificate cURus Amount stranding 1 Stranding 8 wires around Core filler twisted Filler yes wire arrangement brown, orange, violet, pink, gray, black, blue, white Cable weigth 55 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free <td></td> <td></td>		
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 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 295 Cable identification 295 Cable Identification 295 Cable Identificate CIRus Amount stranding 1 Stranding 8 wires around Core filler twisted Filler yes wire arrangement brown, orange, violet, pink, gray, black, blue, white Cable weigth 55 g/m Material jacket PUR		
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 295 Cable identification 295 Cable IColor gray Type of Certificate cURus Amount stranding 1 Stranding 8 wires around Core filler twisted Filler yes wire arrangement brown, orange, violet, pink, gray, black, blue, white Cable weighth 55 g/m Shore hardness jacket 90 ± 5 Shore A		
Coating of fittingnickel platedMaterial screw connectionZinc die-castingEnvironmental characteristics ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityImportant installation notesNote on strain reliefProtect 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 CableCable identification295Cable identification295Cable ColorgrayType of CertificatecURusAmount stranding1Stranding8 wires around Core filler twistedFileryeswire arrangementbrown, orange, violet, pink, gray, black, blue, whiteCable identification295Stranding8 wires around Core filler twistedFileryesWire arrangementbrown, orange, violet, pink, gray, black, blue, whiteCable identificatePURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		
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 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 295 Cable Type 3 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 8 wires around Core filler twisted Filler yes wire arrangement brown, orange, violet, pink, gray, black, blue, white Cable weigth 55 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A <t< td=""><td></td><td></td></t<>		
Protectivities 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 295 Cable Type 3 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 8 wires around Core filler twisted Filler yes wire arrangement brown, orange, violet, pink, gray, black, blue, white Cable wight 55 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		•
Operating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityImportant 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 Cable295Cable identification295Cable Type3Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding8 wires around Core filler twistedFilleryeswire arangementbrown, orange, violet, pink, gray, black, blue, whiteCable weigth55 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free		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 295 Cable Color gray Type of Certificate cURus Amount stranding 1 Stranding 8 wires around Core filler twisted Filler yes wire arrangement brown, orange, violet, pink, gray, black, blue, white Cable weigth 55 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	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 ending forces. Installation Cable Cable identification 295 Cable identification 295 Cable Color Type of Certificate cURus Amount stranding Amount stranding 1 Stranding 8 wires around Core filler twisted Filler yes wire arrangement brown, orange, violet, pink, gray, black, blue, white Cable weigth 55 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Operating temperature min.	
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 295 Cable identification 295 Cable Type 3 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 8 wires around Core filler twisted Filler yes wire arrangement brown, orange, violet, pink, gray, black, blue, white Cable weigth 55 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		
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 Cable295Cable identification295Cable Type3Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding8 wires around Core filler twistedFilleryeswire arrangementbrown, orange, violet, pink, gray, black, blue, whiteCable weigth55 g/mMaterial jacket9U #Shore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Additional condition temperature range	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 Cable identification 295 Cable I Type 3 3 Jacket Color gray 1 Type of Certificate cURus 4 Amount stranding 1 1 Stranding 8 wires around Core filler twisted 1 Filler yes 1 wire arrangement brown, orange, violet, pink, gray, black, blue, white 2 Cable weigth 55 g/m 1 Shore hardness jacket 90 ± 5 Shore A 1 Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Important installation notes	
Note on bending radiusendangered by excessive bending forces.Installation CableCable identification295Cable Type3Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding8 wires around Core filler twistedFilleryeswire arrangementbrown, orange, violet, pink, gray, black, blue, whiteCable weigth55 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Cable identification295Cable Type3Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding8 wires around Core filler twistedFilleryeswire arrangementbrown, orange, violet, pink, gray, black, blue, whiteCable weigth55 g/mMaterial jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Note on bending radius	
Cable Type3Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding8 wires around Core filler twistedFilleryeswire arrangementbrown, orange, violet, pink, gray, black, blue, whiteCable weigth55 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Installation Cable	
Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding8 wires around Core filler twistedFilleryeswire arrangementbrown, orange, violet, pink, gray, black, blue, whiteCable weigth55 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Cable identification	295
Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding8 wires around Core filler twistedFilleryeswire arrangementbrown, orange, violet, pink, gray, black, blue, whiteCable weigth55 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Cable Type	3
Type of CertificatecURusAmount stranding1Stranding8 wires around Core filler twistedFilleryeswire arrangementbrown, orange, violet, pink, gray, black, blue, whiteCable weigth55 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		gray
Stranding 8 wires around Core filler twisted Filler yes wire arrangement brown, orange, violet, pink, gray, black, blue, white Cable weigth 55 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Type of Certificate	
Filler yes wire arrangement brown, orange, violet, pink, gray, black, blue, white Cable weigth 55 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Amount stranding	1
wire arrangement brown, orange, violet, pink, gray, black, blue, white Cable weigth 55 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Stranding	8 wires around Core filler twisted
Cable weigth 55 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free	Filler	yes
Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	wire arrangement	brown, orange, violet, pink, gray, black, blue, white
Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Cable weigth	55 g/m
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Material jacket	PUR
	Shore hardness jacket	90 ± 5 Shore A
Outer-diameter (jacket) 5.8 mm	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 %	Tolerance outer diameter (sheath)	± 5 %

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: 2024-05-20

Murrelektronik GmbH | Falkenstraße 3 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.com | shop.murrelektronik.com



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 ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C horizontal
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	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 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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: 2024-05-20

Murrelektronik GmbH | Falkenstraße 3 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.com | shop.murrelektronik.com