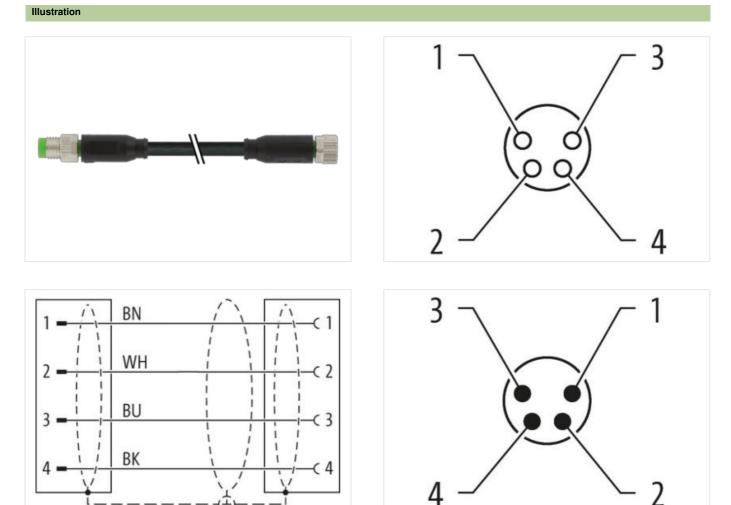


M8 male 0° / M8 female 0° A-cod. shielded

PUR 4x0.34 shielded bk UL/CSA+drag ch. 5m

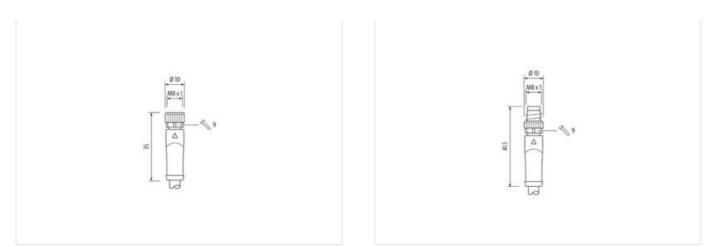
Male straight – female straight M8 – M8, 4-pole shielded Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product



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: 2024-04-20 Murrelektronik ApS | Alexander Foss Gade 13, 1. | 9000 Aalborg | Fon +45 96 35 06 06 | Fax | shop@murrelektronik.dk | shop.murrelektronik.dk





Product may differ from Image



Cable length	5 m
Side 1	
Tightening torque	0,4 Nm
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal $Ø$)	8,5 mm
No. of poles	4
Width across flats	SW9
Side 2	
Tightening torque	0,4 Nm
Family construction form	M8
Thread	M8 x 1
No. of poles	4
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879518994
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	50 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A

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Murrelektronik ApS | Alexander Foss Gade 13, 1. | 9000 Aalborg | Fon +45 96 35 06 06 | Fax | shop@murrelektronik.dk | shop.murrelektronik.dk



Device protection | Electrical

Degree of protection (EN IEC 08629)IPE, IPE, IPE, IPE, IPE, IPE, IPE, IPE,	Device protection Electrical	
PAULION Degree 1 Rated surge voltage 1.5 kV Rated surge voltage 1.5 kV Mechanical data Mechanical data Control Docting not nickal plated Locking screw coaling nickal plated Material rousing rout nickal plated Material rousing PUR Locking num raterial Zon dis-casting Locking num raterial Roo dis-casting Locking num raterial acew Bras Mechanical data (Mounting data Mechanical characteristics [Climatic Constrain temperature max. 85 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Contronty Product standard Product standard Dis N 1078-2-114 (MR) Material group (Cable Cable control Cable for type 3 Cable for ty	Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Patter surge voltage 1,5 kV Material group (IEC 60664-1) i Material pools (IEC 60664-1) i Material pools (IEC 60664-1) i Material pools (IEC 60664-1) inckel plated Locking sortw coaling nickel plated Material pools (IEC 60664-1) FKM Material pools (IEC 6066 FKM Experime summarial characteristics (Elimatic FKM Operating temperature max. 85 °C Adstrontic temperature range depending on cable quality Conformity FV Pools transde DIN EN 61076-2-114 (M8) Instation (Cable GAI Cable toledification G41 Cable toledification G41 Cable toledification G41 Cable toledification G41	Additional condition protection degree	inserted, screwed
Material group (IEC 80684-1) 1 Mechanical data (Material data Caching Locking and nickel plated Material group nickel plated Material group PUR Material group PUR Locking num in material Znc dis-casting Locking num in reav Prase Mechanical data (Mounting data Mounting nethod Environmental characteristics (Climate Common temperature nin. Operating temperature nin. -25 °C Conternity Product added DIN EN 61076-2-114 (M8) Installation (Cable dentification Installation (Cable dentification 641 Cable dentification 641 Cabl	Pollution Degree	3
Mechanical data Material dataCasing jocking nutnickel platedCasing jocking nutnickel platedMaterial posingPKMMaterial posingZm die casingLocking mut materialZm die casingLocking mut material screwBrassMechanical data Mounting dataInserted, screwed, Shaking protectionEnvironmental characteristics ClimateEnvironmental characteristics ClimateConformityFolduct stardDist N to 1076 2: 114 (M8)Instatics ClimateInstatics ClimateInstatics ClimateCable identificationGale identificationGale identificationInstatics ClimateClimateClimateClimateClimateClimateClimateClimateClimateClimateClimateClimateClimateClimateClimateClimateClimate <td></td> <td>1,5 kV</td>		1,5 kV
Cacking locking nutnickle jatkedLocking soew coatingnickle jatkedMaterial gaskeFKMMaterial paskingPURLocking nut materialZinc die ceatingLocking nut materialZinc die ceatingLocking material soewBrassMurting mefhodInserted. soewed. Shaking protectionPersonand Loharoetteristies [ClimaticOperating temperature min.25 °COperating temperature max.88 °CAddinonal condition temperature rangeBeendering on cable qualityContomityProtosDin EN 1076-2-114 (M8)Data informaticBes CCatolic dinfication641Cable identification641Cable identification641Cable identification10Standing1 verses waterialType Of Cartification0.000 versionType Of Cartification0.000 versionCable identification641Cable identification641Cable identification0.000 versionType Of Cartification0.000 versionType Of Cartification0.000 versionCable identification0.000 versi	Material group (IEC 60664-1)	I
Locking score coaling nicket plated Material pasket FMA Material pasket Brass Machinical data [Mounting data] Inserted, screwed, Shaking protection Environmental characteristics [Climatic Operating temperature max. Operating temperature max. 85 °C Operating temperature max. 85 °C Additional condition temperature range deperding on cable quality Conformity Product standsd Din Ex 100°C2 Din Ex 10°C2-2114 (M8) Installation 1 Gabie Cable Type Cable Type 3 Jacket Color black Type of Certificate cURus Anount straining 1 Stranding 4 wives twisted Cable shielding (coverage) 80 % Banding Fleece, Foll Write arrangemont Brook, Rus, white No. of banding views (coverage) 80 % Si & gim	Mechanical data Material data	
Material position FVM Material housing PUR Locking multimaterial Zino Gia-cataing Locking material screw Brass Mechanical data Mounting data Mounting matherial screw Mounting matherial screw Brass Mechanical data Mounting data Mounting matherial screw Munting matherial screw Brass Mechanical data Mounting data Mounting matherial screw Operating temperature max. 26 °C Additional condition temperature range depending on cable quality Conternity Product standard Product standard DN EN 61076-2-114 (M8) Installation Gable Cable information Cable information 641 Cable Type 3 Jacket Color black Type of Cartificate QURus Amount stranding 1 Stranding 4 wires twisted Cable indiving (rycevage) 80 % Banding Fleece, Foil wire arrangement Elsex, Foil withe Nor bending cycles (C-track) <	Coating locking nut	nickel plated
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Mounting method inserted, screwed, Shaking protoction Environmental characteristics / Climatic 25 °C Operating temperature max. 85 °C Additional condition temperature may. depending on cable quality Conformity Product standard Product standard DIN EN 61076-2.114 (M8) Installation / Cable Cable distribution Cable distribution 641 Cable Type 3 Jacket Color biack Type of Confication 641 Cable Standarding 4 vires twisted Additional (coverage) 80 % Stranding 4 vires twisted Cable shielding (toverage) 80 % Banding Fleece, Foil wire arrangement brow, black, blue, white No. of bending cycles (C-track) 5 Mo. @ 25 °C Cable weight 50.6 g/m Material jackt PUR Shore hardness jackt 90 ± 5 Shore A Freedom from ingredients (gackt) Ied Free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (sheath) ± 5 %	Locking material screw	Brass
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Type of CertificatecURusAmount stranding1Stranding4 wires twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleece, Foilwire arrangementbrown, black, blue, whiteNo. of bending cycles (C-track)5 Mio. @ 25 °CCable weigth50,6 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter diameter (lacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material jackPPAmount wires4Outer diameter insulationPPAmount wires4Outer diameter insulation1.25 mmOuter diameter insulation1.25 mmOuter diameter insulation1.25 mmOuter diameter insulation1.25 mmOuter diameter insulation1.24 Shore DIngredient freeness wire insulation1.25 Shore DIngredient freeness wire insulati	Cable Type	3
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Stranding4 wires twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleece, Foilwire arangementbrown, black, blue, whiteNo. of bending cycles (C-track)5 Mio. @ $25 ^{\circ}$ CCable weigth50, 6 g/mMaterial jacketPURShore hardness jacket90 \pm 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-freeOuter clameter (jacket)5,3 mmTolerance outer dlameter (sheath) \pm 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation \pm 5 %Shore hardness wire insulation $70 \pm$ 5 Shore DIngredient freeness wire insulation $70 \pm$ 5 Shore DIngredient freeness wire insulation 42 Diameter of single wires0,1 mmConductor consessection (wire)0,34 mm ² Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C horizontal	Type of Certificate	cURus
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Banding Fleece, Foil wire arrangement brown, black, blue, white No. of bending cycles (C-track) 5 Mio. @ 25 °C Cable weigth 50,6 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 Outer-diameter (jacket) 5,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter tolerance core insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 12 5 Shore D Ingredient freeness wire insulation 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal	Cable shielding (type)	copper braid, tinned
wire arrangementbrown, black, blue, whiteNo. of bending cycles (C-track)5 Mio. @ 25 °CCable weigth50,6 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation± 5 %Ingredient freeness wire insulation± 5 %Duter diameter tolerance core insulation± 5 %Shore hardness wire insulation± 5 %Duter diameter tolerance core insulation± 5 %Shore hardness wire insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation10 ± 5 Shore DIngredient freeness wire insulation142Diameter of single wires0,1 mmConductor crosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C horizontal	Cable shielding (coverage)	80 %
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Cable weigth50,6 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor orosssection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)5 m @ 25 °C horizontal	wire arrangement	
Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 5,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter tolerance core insulation 1,25 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 Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal	No. of bending cycles (C-track)	5 Mio. @ 25 °C
Shore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires4Outer diameter tolerance ore insulation1,25 mmOuter diameter tolerance ore insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,1 mmConductor crossection (wire)0,34 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strande copper wire, bareTraversing distance (C-track)5 m @ 25 °C horizontal	Cable weigth	50,6 g/m
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Current load capacity (standard) to DIN VDE 0298-4		
	Current load capacity (standard)	

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: 2024-04-20

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Current load capacity min. wire	4,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
AC withstand voltage power (wire - shield)	2 kV @ 60 s
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2 UL 1581 § 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
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 30 °/m

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