

## EXACT8, 8XM8, 3 POLE PRE-WIRED CABLE

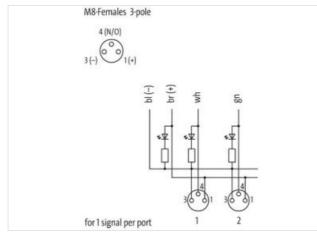
10.0m PUR/PVC 8\*0,34+2\*0,75

8-way, 3-pole PUR/PVC Further cable lengths on request. 10.0 m 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.

## Link to Product

Illustration





20 20.5 complete 35 132

Product may differ from Image



Commercial data		
ECLASS-6.0	27143423	
ECLASS-6.1	27279219	
ECLASS-7.0	27279219	
ECLASS-8.0	27279219	

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: 2024-05-14

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



EQLASS-10.127.440.08ECLASS-12.027.440.08ETMA 5.0ECOASS-12.0ETMA 5.0ECOASS-780Addatros tarf number85.44250GTM49.482505.780Packaging unit1Eterticia data 1 SupplyContrant operating per contact max.8.AAddatros tarf number8.AInducation Ling (Contact max.)8.AInducation Contact max.8.AInducation Contact max.8.DPactor protection (ElectricatElectricatDevice protection (ElectricatElectricatInducation Contact max.9.05, IPO7Device protection (ElectricatElectricatInducation Contact max.9.03, Contact max.Addition Contact max.9.03, Contact max.Addition Contact max.9.03, Contact max.Operating tempera	ECLASS-9.0	27440108
ECLASP 12027440108ETM 5.0EC002865exclonet tarlf number8544290GTIN4048879054788Packaping unit1Exercised data [Suppy)24 VCreater data [Suppy or orditar trax.2 ATotal current preasing or orditar trax.8 AIndustrial communitationNamber of signals per portIndustrial communitationNamber of signals per portIndustrial communitationNB x 1Device protection [ElectricalPBS, IPG7Device protection [ElectricalPBS, IPG7Device protection [ElectricalPBS, IPG7Device protection [ElectricalRes (PBS, IPG7Device protection [ElectricalSchraubgewindeEnvironmental characteriatical ClimaticSchraubgewindeEnvironmental Characteriatical ClimaticSchraubgewindeEnvironmental Characteriatical ClimaticSchraubgewindeEnvironmental characteriatical ClimaticSchraubgewindeEnvironmental Characteriatical ClimaticSchraubgewindeEnvironmental Characteriatical ClimaticSchraubgewindeEnvironmental Mental <td< td=""><td></td><td></td></td<>		
ECLASP 12027440108ETM 5.0EC002865exclonet tarlf number8544290GTIN4048879054788Packaping unit1Exercised data [Suppy)24 VCreater data [Suppy or orditar trax.2 ATotal current preasing or orditar trax.8 AIndustrial communitationNamber of signals per portIndustrial communitationNamber of signals per portIndustrial communitationNB x 1Device protection [ElectricalPBS, IPG7Device protection [ElectricalPBS, IPG7Device protection [ElectricalPBS, IPG7Device protection [ElectricalRes (PBS, IPG7Device protection [ElectricalSchraubgewindeEnvironmental characteriatical ClimaticSchraubgewindeEnvironmental Characteriatical ClimaticSchraubgewindeEnvironmental Characteriatical ClimaticSchraubgewindeEnvironmental characteriatical ClimaticSchraubgewindeEnvironmental Characteriatical ClimaticSchraubgewindeEnvironmental Characteriatical ClimaticSchraubgewindeEnvironmental Mental <td< td=""><td></td><td></td></td<>		
ETN 4:5 0EC00285custors tarff number8544230GTN404857064783Packagn unit1Electrical data i Supply24 VCurrent operating per contact max.2 ATotal current max8 AIndustrial communication1Installation I Connoction1Bording voltage DC18 N 1Device protection I Electrical1Device protection I Electrical2Device protection I E		
austom staff number85444390GTN4048873054788Packaging unit1Electrical data   SupplyOperating voltage DC24 VCurrent operating por contact max.8 AIndustrial communication1Industrial communication1Number of signals op roth1Installistical [Connection]8 ADevice protection [Electrical1Device protection [Electrical1Device protection [Electrical1Device protection [Electrical1Manere ale data   Material data1Material busingPaceioMaterial busingPaceioDevice protection [Electrical1Device protection [Electrical1Device protection [Electrical1Material busingPaceioMaterial busingConnectrical Call Material dataMaterial busingConcentrical Call Mounting dataMouring methodSchraubgewindeElectrical call [Mounting data20 °COparating temperature max.80 °CAdditional condition temperature rangedepending on cable qualityInstallation   Colle1Stording1Stording1Stording1Stording1Stording1Stording2Jacket ColorgravType of call data40 °CColorgravType of call data1Muring material1Stording1 <td>ETIM-5.0</td> <td>EC002585</td>	ETIM-5.0	EC002585
Packaging unit     1       Electrical data I Supply     Image: Comparing voltage DC     24 V       Current operating per contact max.     2 A       Total current max.     8 A       Industrial communication     Image: Comparing voltage per port       Installation I Connection     1       Installation I Connection     Image: Comparing voltage per port       Device protection I Electrical     Image: Comparing voltage per port       Device protection I Medic     Image: Comparing voltage per port       Device protection I Medic     Image: Comparing voltage per port       Device protection I Medic     Image: Comparing voltage per port       Image: Comparing voltage per port     Image: Comparing voltage per port       Device protection I Medic     Image: Comparing voltage per port       Material housing     Plestic       Material housing     Plestic       Mounting method     Schraubgewinde       Environmental characteristics [ Climatic     Comparing voltage per port       Operating voltage per port     -20 °C       Operating voltage per port     -20 °C       Operating voltage per port     -20 °C       Operating voltage per port	customs tariff number	
Electrical data   Supply       Operating voltage DC     24 V       Current operating per contract max.     8 A       Total current max.     8 A       Industrial communication     I       Mumber of signals per port     1       Industrial connounce of signals per port     1       Mumber of signals per port     1       Device protection   Electrical     Degree of protection (FK) EC 60629)       Device protection   Media     1       Maerial housing     Plastice       Device protection   Media     Industrial data       Mechanical data   Material data     Maerial housing       Mechanical data   Material data     Schraubgewinde       Environmental characteristics   Climatic     Coment       Operating temperature max.     80 °C       Additional condition temperature max.     80 °C       Additional condition     857       Cable dendification     357       Cable dendification     357       Cable dondification     357       Cable dondification     874       Cable dondification     874 °C       Cable dondification     874 °C	GTIN	4048879054768
Electrical data   Supply       Operating voltage DC     24 V       Current operating per contract max.     8 A       Total current max.     8 A       Industrial communication     I       Mumber of signals per port     1       Industrial connounce of signals per port     1       Mumber of signals per port     1       Device protection   Electrical     Degree of protection (FK) EC 60629)       Device protection   Media     1       Maerial housing     Plastice       Device protection   Media     Industrial data       Mechanical data   Material data     Maerial housing       Mechanical data   Material data     Schraubgewinde       Environmental characteristics   Climatic     Coment       Operating temperature max.     80 °C       Additional condition temperature max.     80 °C       Additional condition     857       Cable dendification     357       Cable dendification     357       Cable dondification     357       Cable dondification     874       Cable dondification     874 °C       Cable dondification     874 °C	Packaging unit	1
Operating voltage DC24 VCurrent operating per contact max.2 ACurrent operating per contact max.8 AIndustrial communicationIInstallation I ConnectionIInstallation I ConnectionK x 1Device protection I ElectricalFIPS7Device protection I MediaIInter cestatorsIf ame retardantMachanical data   Material dataSchraubgewindeMaterial housingPlasticMaterial housingPlasticInternational data   Material dataSchraubgewindeEnvironmental characteristics I ClimaticSchraubgewindeEnvironmental characteristics I ClimaticSchra		
Current nora:     2 A       Total current nora:     8 A       Industrial communication     Installation   Connection       Number of signals per port     1       Installation   Connection     Mox 1       Device protection   Electrical     Degree of protection   Electrical       Degree of protection   Modia     Flame resistance       Flame resistance     flame retardant       Mechanical data   Mouning data     Material housing       Mechanical data   Mouning data     Schraubgewinde       Environmental characteristics   Climatic     Consult       Operating temperature min.     -20 °C       Operating temperature min.     -20 °C       Operating temperature max.     60 °C       Additional condition temperature range     Geperating on cable quality       Installation   Table     Stormabgewinde       Stormabigement = trape     2       Stormabigement = trape     Geperating on cable quality       Installation   Cable     -357       Cable dentification     -357       Cable identification     -357       Cable identification     -357       Cable identidentification		24 \/
Total current max.     8 A       Industrial communication       Number of signals per port     1       Industrial conformunication     Industrial conformunication       Mounting set     M8 x 1       Device protection [Electrical     Industrial conformunication       Device protection [Modia     Industrial conformunication       Pare resistance     flame retardant       Mechanical data [Material data     Material housing       Mechanical data [Material data     Industrial conformunication       Mounting method     Schraubgewinde       Environmental characteristics [Climatic     Operating temperature min.       Operating temperature min.     -20 °C       Operating temperature max.     80 °C       Cable identification     357       Cable identification     357 </td <td></td> <td></td>		
Industrial communication       Number of signals per port     1       Installation   Connection     Installation   Connection       Bounding set     Mox 1       Device protection   Electrical     Installation   Connection       Device protection   Media     Installation   Connection   Media       Device protection   Media     Installation   Connection   Media       Device protection   Media     Installation   Connection   Media       Mechanical data   Material data     Installation   Connection   Media       Mechanical data   Mounting data     Plasic       Mechanical data   Mounting data     Schraubgewinde       Environmental characteristics   Climatic     20 °C       Operating temperature main.     20 °C       Operating temperature main.     20 °C       Control condition temperature main.     20 °C       Device protection   Electrical     Hybrid, Signal, Power       Cable identification     357       Cable of Type     2       Jacket Color     gravy       Type of Centificate     UPLus       Mount standing     1       Stranding     1       Stranding     1		
Number of signals per port     1       Installation   Connection     Mox 1       Device protection   Electrical     Device protection   Electrical       Device protection   Electrical     IP65, IP67       Device protection   Media     Image of protection   Media       Hame resistance     fame retardant       Mechanical data   Material data     Image of protection   Media       Material housing method     Schraubgewinde       Environmental characteristics   Climatic     20 °C       Operating temperature max.     80 °C       Addition to temperature max.     80 °C       Addition to temperature max.     80 °C       Cable Identification     357       Cable Identification     357       Cable Identification     357       Cable Intrope     2       Cable Intrope     2       Standing     1       Stranding     10 wires around Core filler twisted		
Installation Connection       Mounting set     M8 x 1       Device protection [Electrical     P68, IP67       Device protection [Media     P68, IP67       Device protection [Media     Flam resistance       Flam resistance     flam restance       Material housing     Plastle       Material housing     Plastle       Mechanical data [Mounting data     Schraubgewinde       Environmental characteristics [ Climatic     Common temperature main.       Operating temperature main.     -20 °C       Operating temperature main.     -20 °C       Additional condition temperature main.     -20 °C       Stable identification     -20 °C       Gable identification     -20 °C       Additional condition temperature main.     -20 °C       Additional condition temperature main.     -20 °C       Additional condition temperature main.     -20 °C       Additional condition temper		
Mounting set     M8 x 1       Device protection [Electrical     Fels, IP67       Device protection [Media     Fels, IP67       Device protection [Media     fame restance       Ifame resistance     fame restance       Material housing     Plastic       Mechanical data [Material data     Schraubgewinde       Constrained fame fame fame fame fame fame fame fame		1
Device protection   Electrical       Degree of protection   Media       Flame resistance     flame retardant       Mochanical data   Material data       Material housing     Plastic       Mochanical data   Mounting data     Plastic       Mochanical data   Mounting data     Plastic       Mounting method     Sohraubgewinde       Environmental characteristics   Climatic     Commontal characteristics   Climatic       Operating temperature min.     -20 °C       Operating temperature max.     80 °C       Additional condition temperature range     depending on cable quality       Installation   Cable     Strack and	Installation   Connection	
Degree of protection (EN IEC 60529)     IP65, IP67       Device protection   Media     Ilame relardant       Image: Plane resistance     Illame relardant       Material housing     Plastic       Material housing     Plastic       Mechanical data   Material data     Schraubgewinde       Mounting method     Schraubgewinde       Environmental characteristics   Climatic     Operating temperature min.     -20 °C       Operating temperature min.     -20 °C     Operating temperature max.     80 °C       Additional condition temperature max.     80 °C     Operating temperature max.     80 °C       Additional condition temperature max.     80 °C     Operating temperature max.     80 °C       Additional condition temperature max.     80 °C     Operating temperature max.     80 °C       Additional condition temperature max.     80 °C     Operating temperature max.     80 °C       Additional condition temperature max.     80 °C     Operating temperature max.     80 °C       Additional condition temperature max.     80 °C     Operating temperature max.     80 °C       Additional condition temperature max.     80 °C     Operating temperature max.	Mounting set	M8 x 1
Device protection   Media       Flame resistance     flame retardant       Material housing     Plastic       Material housing     Plastic       Material mounting method     Schraubgewinde       Environmettal characteristics   Climatic     C       Operating temperature min.     -20 °C       Operating temperature max.     80 °C       Additional condition temperature range     depending on cable quality       Installation [ Cable     Installation [ Cable       STOOW style jacket     Hybrid. Signal, Power       Cable identification     357       Cable Identification     357       Cable I Coefficate     cURus       Anount stranding     1       Stranding     10 wires around Core filler twisted       Filler     yes       wire arangement     brown, blue, violet, black, red, pink, gray, yellow, green, white       Cable weigh     115,5 grm       Material jacket     PUR       Shore Aardines (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer diameter (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer diameter (jacket)     s %<	Device protection   Electrical	
Device protection   Media       Flame resistance     flame retardant       Material housing     Plastic       Material housing     Plastic       Material mounting method     Schraubgewinde       Environmettal characteristics   Climatic     C       Operating temperature min.     -20 °C       Operating temperature max.     80 °C       Additional condition temperature range     depending on cable quality       Installation [ Cable     Installation [ Cable       STOOW style jacket     Hybrid. Signal, Power       Cable identification     357       Cable Identification     357       Cable I Coefficate     cURus       Anount stranding     1       Stranding     10 wires around Core filler twisted       Filler     yes       wire arangement     brown, blue, violet, black, red, pink, gray, yellow, green, white       Cable weigh     115,5 grm       Material jacket     PUR       Shore Aardines (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer diameter (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer diameter (jacket)     s %<	Degree of protection (EN IEC 60529)	IP65, IP67
Flame resistance     flame retardant       Mechanical data   Material data       Material housing     Plastic       Mechanical data   Mounting data     Nonting method     Schraubgewinde       Environmental characteristics   Climatic     Climatic     Climatic       Operating temperature min.     20 °C     Operating temperature max.     80 °C       Additional condition temperature range     depending on cable quality     Installion   Cable       STOOW siyle jacket     Hybrid, Signal, Power     Cable identification     357       Cable identification     357     Cable identification     317       Ype of Certificate     c.URus     Amount stranding     1       Stranding     1     1     Stranding     1       Strending function </td <td>Device protection   Media</td> <td></td>	Device protection   Media	
Methanical data   Material data       Methanical data   Mounting data       Mounting method     Schraubgewinde       Environmental characteristics   Climatic       Operating temperature min.     -20 °C       Operating temperature max.     80 °C       Additional condition temperature range     depending on cable quality       Instalation   Cable     Stool (Cable display)       STOOW style jacket     Hybrid, Signal, Power       Cable identification     357       Cable identification     97       Stranding     1       Biller     yes       write arrangement     Drown, bule, vio	•	flame retardant
Material housing     Plastic       Mechanical data   Mounting data     Schraubgewinde       Mounting method     Schraubgewinde       Environmental characteristics   Climatic     Operating temperature min.     -20 °C       Operating temperature max.     80 °C     Additional condition temperature range     depending on cable quality       Installation   Cable     StroOW style jacket     Hybrid, Signal, Power     Cable identification     357       Cable identification     357     Cable identification     357       Cable identification     357     Cable identification     357       Cable identification     357     Cable identification     357       Type of Certificate     cURus     Amount stranding     1       Stranding     10 wires around Core filler twisted     Filler     yes       wire arrangement     brown, blue, violet, black, red, pink, gray, yellow, green, white     Gable identification     37 ± 5 Shore A       Freedom from ingredients (jacket)     PUR     Shore hadrales jacket     PV ± 5 %       Material jacket     PUR     Shore Admotes jacket     P ± 5 %       Tolerance outer diameter (sheath)     ±		nameretaruant
Mechanical data   Mounting data       Mounting method     Schraubgewinde       Environmental characteristics   Climatic     Operating temperature min.     -20 °C       Operating temperature max.     80 °C     Additional condition temperature max.     80 °C       Additional condition temperature max.     80 °C     Additional condition temperature may.     80 °C       STOOW style jacket     Hybrid, Signal, Power     Cable identification     357       Cable identification     357     Cable identification     357       Cable identification     957     Stranding     1     Stranding     1       Stranding     1     Usus     Amount stranding     1     Stranding     155 g/m       Material jacket     PUR     Store har mass jacket     P12 ± 5 Shore A     Store haremass jacket     P1 ± 5 % <td></td> <td></td>		
Mounting method     Schraubgewinde       Environmental characteristics   Climatic     Coperating temperature min.     -20 °C       Operating temperature max.     80 °C     Additional condition temperature may.     80 °C       Additional condition temperature may.     80 °C     Additional condition temperature may.     80 °C       Installation   Cable     Installation   Cable     Installation   Cable     Installation   Cable       STOOW style jacket     Hybrid, Signal, Power     Cable identification     357       Cable identification     357     Cable identification     357       Gable identification     957     Cable identification     357       Gable identification     97 ± 70 end Certificate     Cllvus     Amount stranding     1       Stranding     1     wires around Core filler twisted     Filler     yes     Wire arrangement     brown, blue, violet, black, red, pink, gray, yellow, green, white     Cable weight	-	Plastic
Environmental characteristics   ClimaticOperating temperature min20 °COperating temperature max.80 °CAdditional condition temperature rangedepending on cable qualityInstallation   CableSTOOW style jacketHybrid, Signal, PowerCable identification357Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding10 wires around Core filler twistedFilleryeswire arrangementbrown, blue, violet, black, red, pink, gray, yellow, green, whiteCable type2 SingerCable type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding10 wires around Core filler twistedFilleryeswire arrangementbrown, blue, violet, black, red, pink, gray, yellow, green, whiteCable weigth115,5 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires8Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %	Mechanical data   Mounting data	
Operating temperature min20 °COperating temperature max.80 °CAdditional condition temperature rangedepending on cable qualityInstallation   CableSTOOW style jacketHybrid, Signal, PowerCable identification357Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding10 wires around Core tiller twistedFilleryeswire arrangementbrown, blue, violet, black, red, pink, gray, yellow, green, whiteCable weigth115,5 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)8.6 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCColor (inner jacket)grayOuter diameter insulation1,3 mmOuter diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %	Mounting method	Schraubgewinde
Operating temperature max.     80 °C       Additional condition temperature range     depending on cable quality       Installation   Cable       STOOW style jacket     Hybrid, Signal, Power       Cable identification     357       Cable identification     357       Cable identification     357       Cable of Type     2       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     10 wires around Core filler twisted       Filler     yes       wire arrangement     brown, blue, violet, black, red, pink, gray, yellow, green, white       Cable weigth     115,5 g/m       Material jacket     PUR       Shore hardness jacket     87 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer-diameter (jacket)     8,6 mm       Tolerance outer diameter (sheath)     ± 5 %       Material inner jacket     PVC       Color (inner jacket)     gray       Material wire insulation     PVC       Color (inner jacket)     gray	Environmental characteristics   Climatic	
Additional condition temperature range   depending on cable quality     Installation   Cable     STOOW style jacket   Hybrid, Signal, Power     Cable identification   357     Cable identification   357     Cable Type   2     Jacket Color   gray     Type of Certificate   cURus     Amount stranding   1     Stranding   10 wires around Core filler twisted     Filler   yes     wire arrangement   brown, blue, violet, black, red, pink, gray, yellow, green, white     Cable weigth   115,5 g/m     Material jacket   PUR     Shore hardness jacket   87 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free     Outer-diameter (jacket)   8.6 mm     Tolerance outer diameter (sheath)   ± 5 %     Material inner jacket   PVC     Color (inner jacket)   gray     Material wire insulation   PVC     Color (inner jacket)   gray     Material wire insulation   PVC     Color (inner jacket)   gray     Material wire insulation   PVC  <	Operating temperature min.	-20 °C
Installation   CableSTOOW style jacketHybrid, Signal, PowerCable identification357Cable identification357Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding10 wires around Core filler twistedFilleryeswire arrangementbrown, blue, violet, black, red, pink, gray, yellow, green, whiteCable weigth115,5 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)\$,6 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires8Outer diameter tolerance core insulation1,3 mmOuter diameter tolerance core insulation± 5 %	Operating temperature max.	80 °C
STOOW style jacketHybrid, Signal, PowerCable identification357Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding10 wires around Core filler twistedFilleryeswire arrangementbrown, blue, violet, black, red, pink, gray, yellow, green, whiteCable weigth115,5 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (sheath)± 5 %Material iner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires8Outer diameter tolerance core insulation1,3 mmOuter diameter tolerance core insulation± 5 %	Additional condition temperature range	depending on cable quality
Cable identification357Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding10 wires around Core filler twistedFilleryeswire arrangementbrown, blue, violet, black, red, pink, gray, yellow, green, whiteCable weigth115.5 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires8Outer diameter tolerance core insulation1,3 mmOuter diameter tolerance core insulation± 5 %	Installation   Cable	
Cable identification357Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding10 wires around Core filler twistedFilleryeswire arrangementbrown, blue, violet, black, red, pink, gray, yellow, green, whiteCable weigth115.5 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires8Outer diameter tolerance core insulation1,3 mmOuter diameter tolerance core insulation± 5 %	STOOW style jacket	Hybrid, Signal, Power
Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding10 wires around Core filler twistedFilleryeswire arrangementbrown, blue, violet, black, red, pink, gray, yellow, green, whiteCable weigth115,5 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)8,6 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires8Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %		
Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding10 wires around Core filler twistedFilleryeswire arrangementbrown, blue, violet, black, red, pink, gray, yellow, green, whiteCable weigth115,5 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)8,6 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires8Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %	Cable Type	2
Amount stranding1Stranding10 wires around Core filler twistedFilleryeswire arrangementbrown, blue, violet, black, red, pink, gray, yellow, green, whiteCable weigth115,5 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)8,6 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires8Outer diameter tolerance core insulation1,3 mmOuter diameter tolerance core insulation± 5 %		gray
Stranding10 wires around Core filler twistedFilleryeswire arrangementbrown, blue, violet, black, red, pink, gray, yellow, green, whiteCable weigth115,5 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)8,6 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires8Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %	Type of Certificate	cURus
Filleryeswire arrangementbrown, blue, violet, black, red, pink, gray, yellow, green, whiteCable weigth115,5 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)8,6 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCArmount wires8Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %	Amount stranding	1
wire arrangementbrown, blue, violet, black, red, pink, gray, yellow, green, whiteCable weigth115,5 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)8,6 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCArmount wires8Outer diameter tolerance core insulation1,3 mmOuter diameter tolerance core insulation± 5 %	Stranding	10 wires around Core filler twisted
Cable weigth115,5 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)8,6 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires8Outer diameter tolerance core insulation1,3 mmOuter diameter tolerance core insulation± 5 %	Filler	yes
Material jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)8,6 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires8Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %	wire arrangement	brown, blue, violet, black, red, pink, gray, yellow, green, white
Shore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)8,6 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires8Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %	Cable weigth	115,5 g/m
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)8,6 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires8Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %	Material jacket	PUR
Outer-diameter (jacket)8,6 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires8Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %	Shore hardness jacket	87 ± 5 Shore A
Tolerance outer diameter (sheath)   ± 5 %     Material inner jacket   PVC     Color (inner jacket)   gray     Material wire insulation   PVC     Amount wires   8     Outer diameter insulation   1,3 mm     Outer diameter tolerance core insulation   ± 5 %	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material inner jacket PVC   Color (inner jacket) gray   Material wire insulation PVC   Amount wires 8   Outer diameter insulation 1,3 mm   Outer diameter tolerance core insulation ± 5 %	• /	·
Color (inner jacket) gray   Material wire insulation PVC   Amount wires 8   Outer diameter insulation 1,3 mm   Outer diameter tolerance core insulation ± 5 %		
Material wire insulation PVC   Amount wires 8   Outer diameter insulation 1,3 mm   Outer diameter tolerance core insulation ± 5 %		PVC
Amount wires8Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %		
Outer diameter insulation 1,3 mm   Outer diameter tolerance core insulation ± 5 %		
Outer diameter tolerance core insulation ± 5 %		
		·
Shore hardness wire insulation 43 ± 5 Shore D		
rmation in this Product-PDF has been compiled with the utmost care.		

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: 2024-05-14

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



Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Travel speed (C-track)	2
Material wire insulation (Power)	PVC
Outer diameter wire insulation (Power)	1,8 mm
Tolerance outer diameter wire insulation (Power)	±5 %
Shore hardness wire insulation (Power)	43±5 Shore D
Material properties wire insulation (Power)	good machinability
Ingredient freeness wire insulation (Power)	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands wire (Power)	24
Diameter of single wires (Power)	0,2 mm
Wire conductor cross section (Power)	0,75 mm²
Material conductor wire (Power)	Stranded copper wire, bare
Conductor type wire (Power)	Strand class 5
Max. rated voltage (conductor - conductor)	300 V
Max. rated voltage (conductor - ground)	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4 A
Loop resistance	7,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Electrical resistance coating wire (Power)	26 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)	2° 08
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
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
Travel speed (C-track)	2 Mio. @ 25 °C

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: 2024-05-14

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