

## M12 male 0° / M12 female 90° A-cod. shielded

PUR 5x0.34 shielded gy UL/CSA 0,3m

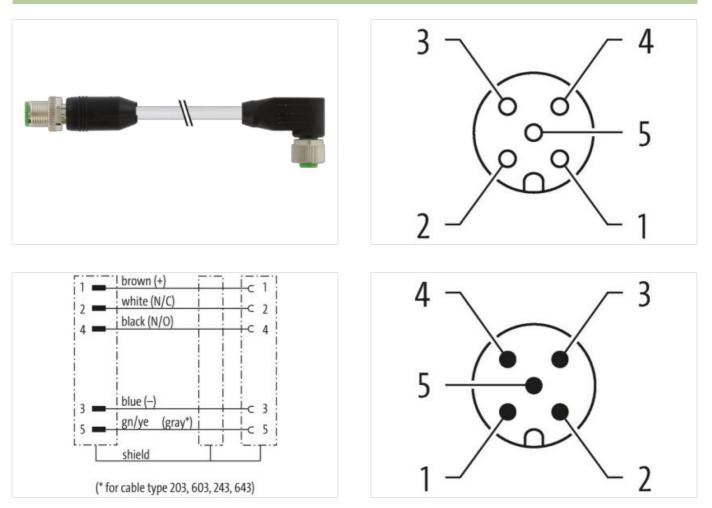
## ⚠ NOTICE ⚠ PRODUCT WILL BE DISCONTINUED BY MARCH 2023. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

Male straight - female 90°

M12 – M12, 5-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.

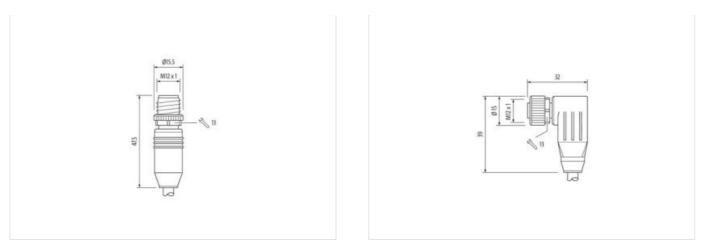
## Link to Product

Illustration



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: 2024-06-23 Murrelektronik B.V. | Takkebijsters 3 | 4817 BL Breda | Fon 085-22 20 282 | Fax 085-22 20 283 | shop@murrelektronik.nl | shop.murrelektronik.nl





Product may differ from Image



Cable length	0,3 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	A
Material	PUR
Width across flats	SW13
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	4048879376853
Packaging unit	1
Electrical data   Supply	

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: 2024-06-23

Murrelektronik B.V. | Takkebijsters 3 | 4817 BL Breda | Fon 085-22 20 282 | Fax 085-22 20 283 | shop@murrelektronik.nl | shop.murrelektronik.nl



Operating values AC ULU.         A-           Operating values AC ULU.         S0 V           Operating values AC ULU.         S0 V           Operating values AC ULU.         S0 V           Current operating values AC ULU.         S0 V           Operating values AC ULU.         S0 V           Current operating values AC ULU.         S0 V           Operating values AC ULU.         Values AC VA           Operating values AC ULU.         Values AC VA           Operating values AC VA VA VA VA VA         Values AC VA           Operating values AC VA		60 V
Operating voltage AC (UL-Island)         30 V           Constraint operating per (UL-Island)         30 V           Constraint operating per constart max.         4 A           Installation (Connection         Maximity set           Mouning set         M12 x 1           Device protection (Electrical         Additional condition protection degree           Additional condition protection degree         3           Rated aurge voltage         3           Rated aurge voltage for (EC 6084-1)         1           Mechanical data         Mechanical data           Contrar or corrugated hose         without           Mechanical data         Mechanical data           Contrar or corrugated hose         without           Material gask to         FKM           Locking mathial         Zine die caating           Material gask to         FKM           Locking mathial         Zine die caating           Material gask to         Sine diated           Depariting temperature max.         25 °C           Operating temperature max.         85 °C           Additional condition (temperature arrage         Megneding on cable qualify           Material protection (Electrical         Sinamicon           Stranding         1         Megneding on	Operating voltage AC max.	
Operating per contact max.         4 A           Installation [Concelon         Installation [Concelon]           Mouning set         M12 x 1           Device protection [Instricted]         Addronal condition           Addronal condition         Instricted, screwed           Palliton Durges         8           Rated surge voltage         1.5 kV           Material group (IFC 6068-1)         1           Mechanical data         Contour for corrugated hese           Waterial group (IFC 6068-1)         1           Mechanical data         Contour for corrugated hese           Waterial group (IFC 6068-1)         1           Mechanical data         Contour for corrugated hese           Waterial group (IFC 6068-1)         1           Mechanical data         Mechanical data           Coating for fitting         nickel patient           Material group (IFC 6068-1)         Inserted, screwed, Shaking protection           Extremental distanceristics [Inserted, screwed, Shaking protection         Inserted, screwed, Shaking protection           Extremental distanceristics [Inserted, screwed, Shaking protection         Inserted, screwed, Shaking protection           Extremental distanceristics [Inserted, screwed, Shaking protection         Inserted, screwed, Shaking protection           Extremental distanceristics [In		
Current operating per contact max.         4 A           Institution   Connection         Mi2 x 1           Device protection   Electrical         Min Part Part Part Part Part Part Part Part		30 V
Instaliation   Connection           Mouring pet         M12 x 1           Device protection   Electrical		30 V
Mounting set         M12 x 1           Device protection   Electrical	Current operating per contact max.	4 A
Device precision   Electrical           Additional condition protection degree         inserted, screwed           Politation Degree         3           Rated surge voltage         1.5 kV           Material group (EC 60061-1)         1           Mechanical data         without           Mechanical data         without           Mechanical data         Nockeled           Coating to King         Nickeled           Coating dating         mickel plated           Material group (EC 60061-1)         Zin de casting           Material group composition         Zin de casting           Material gasket         FKM           Locking material         Zin de casting           Material group composition         Zin de casting           Mechanical data   Mounting method         Inserted, screwed, Shaking protection           Environmetal characteristics   Climatic         Comparing Importature man.           Operating Importature man.         25 °C           Operating Impo	Installation   Connection	
Additional condition protection degree     inserted, sorewed       Pollution Degree     3       Rated surge voltage     1.5 kV       Material group (EC 60604.1)     1       Mechanical data     Wohut       Mechanical data     Wohut       Mechanical data     Wohut       Mechanical data     Wohut       Mechanical data     Mechanical data       Mechanical data     Mechanical data       Coating of fitting     nickel plated       Material gasket     FKM       Locking material     Zinc die-caasting       Material sasket     FKM       Mounting method     inserted, sorewed, Shaking protection       Environmental charseleristics [ Climatic     Cooperating temperature max.       Operating temperature max.     85 °C       Cade identification     351       Jacket Color     gray       Canount stranding     1       Stranding     5 wits twisted       Cable identification     351       Jacket Color     gray       Canount stranding     1       Stranding     5 wits twisted       Cable stranding     5 %       Cable identification     351       Jacket Color     gray       Canount stranding     1       Cable stranding     5 %	Mounting set	M12 x 1
Politation Degree       3         Rated surge voltage       1,5 kV         Material group (EC 60684-1)       I         Mechanical date       Image: Construction of a constru	Device protection   Electrical	
Rated surge voltage         1,5 kV           Material group (IEC 60694-1)         I           Mechanical data         Control for corruptated hose         without           Mechanical data   Material data         Control for corruptated hose         without           Mechanical data   Material data         Control for corruptated hose         without           Mechanical data   Material data         Exceeding of fitting         mickel plated           Material grow worker         FKM         Locking material         Zinc die-casting           Material grow worker         Condit of fitting         mickel plated         Mickel growth constraints           Material screw connection         Zinc die-casting         Mickel growth constraints         Mickel growth constraints           Mounting method         inserted. screwed, Shaking protection         Externometal characteristics   Climate           Mounting method         inserted. screwed, Shaking protection         Externometal characteristics   Climate           Material condition temperature max.         85 °C         Additional condition temperature rank.         85 °C           Additional condition temperature rank.         95 °C         Standing	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1)         I           Mechanical data         without           Contour for corrugated hose         without           Mechanical data   Meterial data         Example of thisp           Coating locking         Nickeled           Coating of fitting         nickel pated           Material gastal         FKM           Locking material         Zinc die casting           Material serve connection         Zin die casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature min.           Operating temperature min.         -25 °C           Operating temperature min.         -25 °C           Operating temperature min.         -25 °C           Coparating temperature min.         -25 °C           Coparating temperature max.         85 °C           Cable identification         351           Jacket Cofr         gray           Amount standing         1           Stranding         5 wites twisted           Cable shielding (typo)         copper brading, bare           Wire arangement         brown, withe blue, black, gray           Material alackt         PUF           Outer	Pollution Degree	3
Mechanical data         without           Contour for corrugated hose         without           Mechanical data   Metrial data         Coading of fitting         Nickeled           Coading of fitting         nickel plated         Mechanical data   Metrial data           Coading of fitting         nickel plated         Mechanical data   Mounting data           Material serve connection         Zinc die-casting         Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection         Environmental characteristics   Gilmatic           Environmental characteristics   Gilmatic         -25 °C         Coentaling temperature max.         85 °C           Operating temperature max.         85 °C         Coentaling on cable quality         Coble dendition           Addition I comperature may.         85 °C         Coentaling (Color)         qray           Addition I comperature may.         85 °C         Coentaling (Color)         qray           Addition I comperature may.         85 °C         Color         Gray         Color Color)         qray           Amount stranding         1         Stranding         Strest strasted         Color         Gray is strest strested         Color Color Strested (Color)         qray         Code color Strested (Color Streststrested)         Contaling (Streststrested)	Rated surge voltage	1,5 kV
Contour for corrugated hose         without           Dechanical data   Maiorial data         Incideal plated           Coating of firing         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material serve connection         Zinc die-casting           Material serve connection         Zinc die-casting           Mounting method         inserted, serve ed, Shaking protection           Environmental characteristics [ Climatic         Coperating imperature min.           Operating imperature min.         25 °C           Operating imperature mape         depending on cable quality           Installation   Cable         Cable climitication           Sintal standing         Sintal standing           Addition on gray         Sinter statistics           Amount stranding         Sivies twisted           Cable shielding (type)         copper braiding, bare           Vier dameter (gabet)         6.9 mm           Tolerance outur diameter (gabet)         6.9 mm           Tolerance ou	Material group (IEC 60664-1)	
Mechanical data   Material data           Coating locking         Nickeled           Coating of fitting         nickel plated           Material gasket         F.KM           Locking material         Zinc die casting           Material gasce         T.KM           Locking material         Zinc die casting           Material screw connection         Zinc die casting           Material gasce         Nounting methy           Material gasce         Nounting methy           Mounting methy         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature min.           Qsr ating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         Standing           Standing         1           Standing         1           Standing         1           Standing         5 wires hvisted           Cable loofing, bare         wires anagement           Wrow, white, blue, black, gray         Material jacket           Outer-diameter (gacket)         6,9 mm           Orderawouter (gacket)         6,9 mm           Conductor crosseston (wire)         6,34 mm²	Mechanical data	
Mechanical data   Material data           Coating locking         Nickeled           Coating of fitting         nickel plated           Material gasket         F.KM           Locking material         Zinc die casting           Material gasce         T.KM           Locking material         Zinc die casting           Material screw connection         Zinc die casting           Material gasce         Nounting methy           Material gasce         Nounting methy           Mounting methy         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature min.           Qsr ating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         Standing           Standing         1           Standing         1           Standing         1           Standing         5 wires hvisted           Cable loofing, bare         wires anagement           Wrow, white, blue, black, gray         Material jacket           Outer-diameter (gacket)         6,9 mm           Orderawouter (gacket)         6,9 mm           Conductor crosseston (wire)         6,34 mm²	Contour for corrugated hose	without
Coating looking         Nickel ed           Coating of fitting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data [Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics [Climatic         Operating temperature min.           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Installation [Cable         Cable identification           Stranding         551           Jacket Color         gray           Amount stranding         1           Stranding         5 wires twisted           Cable identification         351           Jacket Color         gray           Amount stranding         1           Uster-dameter (glocket)         6,9 mm           Tolerance outer diameter (glocket)         6,9 mm           Tolerance outer diameter (glocket)         5           Conductor crossesection (wire)         0,34 mm²           Carvent load capacity (standard)         10 IN VDE Ca98-4           Material jacket         9 °C           Conductor cr	-	
Coating of fitting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Material screw connection         Zinc die-casting           Material screw connection         Zinc die-casting           Mouting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         Cable identification           Sita         351           Jacket Color         gray           Amount stranding         1           Stranding         5 wires twisted           Cable shielding (type)         copper braiding, bare           wire arrangement         brown, white, blue, black, gray           Material jacket         PUR           Cuter diameter (glackt)         6.9 mm           Tolerance outer diameter (shealth)         ± 5 %           Canductor crossection (wire)         0.34 mm <sup>o</sup> Conductor crossection (wire)         0.34 mm <sup>o</sup> Corductor crossection (wire)	·	Nickeled
Material gasket         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mounting method         inserted, screwed. Shaking protection           Environmental characteristics   Climatic         Comparison           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         Cable identification           Gable identification         351           Jacket Color         gray           Amount stranding         1           Stranding         5 wires twisted           Cable identification         951           Jacket Color         gray           Amount stranding         1           Stranding         5 wires twisted           Cable identification         951           Outer-diameter (jacket)         6,9 mm           Outer-diameter (jacket)         6,9 mm           Tolerance outer diameter (sheath)         1 5 %           Material wire insulation         PP           Amount wires         5           Conductor crosssection (wire)         0.34 mm <sup>2</sup> <tr< td=""><td></td><td></td></tr<>		
Locking material       Zinc die-casting         Material serve connection       Zinc die-casting         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Environmental characteristics   Climatic         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Installation   Cable       Cable identification         Stranding       1         Stranding       5 wires twisted         Cable shielding (type)       copper braiding, bare         wire arrangement       brown, while, blue, black, gray         Material jacket       PUR         Outer diameter (sheath)       ± 5 %         Material wire insulation       PP         Anount wires       5         Conductor crosssection (wire)       0,34 mm <sup>3</sup> Currenti cance querity (standard)       to DIN DVE 028-4         Mar. operating temperature (standard)       50 °C         Operating temperature (standard)       60 °C         Operating temperature (standard)       50 °C         Calmeteristing conductor cossesection (wire)       -20 °C         Operating temperature (standard)		
Material screw connection         Zinc die-casting           Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Construction           Operating temperature main.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         Cable identification         351           Jacket Color         gray         Amount stranding         1           Stranding         5 wires twisted         Cable identification         5 wires twisted           Cable identification         5 wires twisted         Cable scheding (type)         copper briading, bare         wire arrangement         brown, white, blue, black, gray           Material yaic         PUR         Outer-cliameter (jacket)         6.9 mm         Conductor consescetion (wire)         0.34 mm²           Current load capacity (standard)         to DIN VDE 0298-4         Min. operating temperature (static)         -40 °C           Max. operating temperature (kited)         60 °C         Operating temperature (static)         -40 °C           Max. operating temperature (static)         -40 °C         Operating temperature (static)         -40 °C <tr< td=""><td></td><td></td></tr<>		
Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature max.         85 °C           Operating temperature max.         85 °C         Color           Additional condition temperature range         depending on cable quality         Installation   Cable           Installation   Cable         Color         gray           Ancunti stranding         1         Stranding         Stiranding, bare           Vier arrangement         brown, white, blue, black, gray         Color         Gray           Material jacket         PUR         Coleranget (jacket)         Go ymm.           Outer diameter (shealth)         ± 5 %         Stranding         Stranding         Stranding.           Outer diameter (shealth)         ± 5 %         Stranding.         Stranding.         Stranding.           Outer diameter (shealth)         ± 5 %         Stranding.         Stranding.         Stranding.           Outer diameter (shealth)         ± 5 %         Stranding.         Stranding.         Stranding.           Outer diameter (shealth)         ± 5 %         Stranding.         Stranding.         Stranding.           Outer diameter (shealth)         ± 5 %         Stranding.		-
Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature maye         depending on cable quality           Installation   Cable         Cable identification           Cable identification         351           Jacket Color         gray           Amount stranding         1           Stranding         5 wires twisted           Cable identification         coper traiding, bare           wire arrangement         brown, white, blue, black, gray           Material jacket         PUR           Outer-diameter (jacket)         6,9 mm           Tolerance out (rediameter (sheath)         ± 5 %           Material wire insulation         PP           Armount wires         5           Conductor crossection (wire)         0,34 mm²           Current load capacity (standard)         to DIN VDE 0298-4           Min. operature ture min. (dynamic)         -20 °C           Operating temperature min. (dynamic)         -20 °C           Operating temperature (jacket)         80 °C           Operating temperature min. (dynamic)         -20 °C		
Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Installation   Cable		
Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Installation   Cable       Cable dentification         Cable identification       351         Jacket Color       gray         Amount stranding       1         Stranding       5 wires twisted         Cable shielding (type)       copper braiding, bare         wire arrangement       brown, white, blue, black, gray         Material jacket       PUR         Outer-diameter (jacket)       6,9 mm         Tolerance outer diameter (sheath)       ± 5 %         Material ixinoin       PP         Amount stranding       5         Conductor crossection (wire)       0.34 mm²         Current load capacity (standard)       to DIN VDE 0298-4         Min. operature (stake)       40 °C         Max. operature (ixed)       80 °C         Operating temperature min. (dynamic)       -20 °C         Operating temperature min. (dynamic)       80 °C	-	inserted, screwed, Shaking protection
Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Installation   Cable	Environmental characteristics   Climatic	
Additional condition temperature range       depending on cable quality         Installation   Cable         Cable identification       351         Jacket Color       gray         Amount stranding       1         Stranding       5 wires twisted         Cable ishielding (type)       copper braiding, bare         wire arrangement       brown, white, blue, black, gray         Material jacket       PUR         Outer-diameter (jacket)       6,9 mm         Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation       PP         Amount wires       5         Courter load capacity (standard)       to DIN VDE 0298-4         Min. operating temperature (fixed)       80 °C         Operating temperature (fixed)       80 °C         Operating temperature (fixed)       80 °C         Operating temperature min. (dynamic)       -20 °C         Operating temperature min. (dynamic)       20 °C         Operating temperature max. (dynamic)       80 °C         Flame resistance       UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2         chemical resistance       Good, application-related testing         Oil resistance       Good, application-related testing         Oil resistance       Goo	Operating temperature min.	-25 °C
Installation   CableCable identification351Jacket ColorgrayAmount stranding1Stranding5 wires twistedCable shielding (type)copper braiding, barewire arrangementbrown, white, blue, black, grayMaterial jacketPUROuter-diameter (jacket)6.9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Conductor crosssection (wire)0.34 mm²Current load capacity (standard)to DIN VDE 0298-4Min. operating temperature (static)-40 °CMax. operating temperature (static)-40 °CMax. operating temperature (static)80 °COperating temperature (static)60 °COperating temperature (static)80 °COperating temperature (static)80 °COperating temperature (static)80 °COli resistanceGood, application-related testingOil resistanceGood, application-related testing <t< td=""><td>Operating temperature max.</td><td>85 °C</td></t<>	Operating temperature max.	85 °C
Cable identification351Jacket ColorgrayAmount stranding1Stranding5 wires twistedCable shielding (type)copper braiding, barewire arrangementbrown, white, blue, black, grayMaterial jacketPUROuter-diameter (jacket)6,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Conductor crosssection (wire)0,34 mm²Current load capacity (standard)to DIN VDE 0298-4Min. operating temperature (istel)-40 °CMax. operating temperature (istel)80 °COperating temperature (ind)80 °COperating temperature main. (dynamic)20 °COperating temperature main. (dynamic)80 °COli resistanceGood, application-related testingGiasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-relat	Additional condition temperature range	depending on cable quality
Jacket ColorgrayAmount stranding1Stranding5 wires twistedCable shielding (type)copper braiding, barewire arrangementbrown, white, blue, black, grayMaterial jacketPUROuter-diameter (jacket)6,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Conductor crosssection (wire)0,34 mm²Current load capacity (standard)to DIN VDE 0298-4Min. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature (inc. (dynamic)-20 °COperating temperature max. (dynamic)80 °CFlame resistanceUL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing   DIN EN 60811-404Bending radius (fixed)10 x Outer diameter	Installation   Cable	
Amount stranding1Stranding5 wires twistedCable shielding (type)copper braiding, barewire arrangementbrown, white, blue, black, grayMaterial jacketPUROuter-diameter (jacket)6,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Conductor crosssection (wire)0,34 mm²Current load capacity (standard)to DIN VDE 0298-4Min. operating temperature (fixed)80 °COperating temperature (fixed)80 °COperating temperature min. (dynamic)-20 °COperating temperature max. (dynamic)80 °CFlame resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resista	Cable identification	351
Stranding       5 wires twisted         Cable shielding (type)       copper braiding, bare         wire arrangement       brown, white, blue, black, gray         Material jacket       PUR         Outer-diameter (jacket)       6,9 mm         Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation       PP         Amount wires       5         Courcer crosssection (wire)       0,34 mm²         Current load capacity (standard)       to DIN VDE 0298-4         Min. operating temperature (static)       -40 °C         Max. operating temperature (static)       -40 °C         Max. operating temperature (mixed)       80 °C         Operating temperature max. (dynamic)       -20 °C         Operating temperature max. (dynamic)       80 °C         Flame resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance	Jacket Color	gray
Cable shielding (type)copper braiding, barewire arrangementbrown, white, blue, black, grayMaterial jacketPUROuter-diameter (jacket)6,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Conductor crosssection (wire)0,34 mm²Current load capacity (standard)to DIN VDE 0298-4Min. operating temperature (fixed)80 °COperating temperature (mixed)80 °COperating temperature max. (dynamic)-20 °COperating temperature max. (dynamic)80 °CFlame resistanceUL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOuter diameter10 x Outer diameter	Amount stranding	1
wire arrangementbrown, white, blue, black, grayMaterial jacketPUROuter-diameter (jacket)6,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Conductor crosssection (wire)0,34 mm²Current load capacity (standard)to DIN VDE 0298-4Min. operating temperature (static)-40 °CMax. operating temperature (static)-40 °COperating temperature (fixed)80 °COperating temperature min. (dynamic)-20 °COperating temperature max. (dynamic)80 °CFlame resistanceUL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing   DIN EN 60811-404Bending radius (fixed)10 x Outer diameter	Stranding	5 wires twisted
Material jacketPUROuter-diameter (jacket)6,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Conductor crosssection (wire)0,34 mm²Current load capacity (standard)to DIN VDE 0298-4Min. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-20 °COperating temperature max. (dynamic)80 °CFlame resistanceUL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing   DIN EN 60811-404Bending radius (fixed)10 x Outer diameter	Cable shielding (type)	copper braiding, bare
Outer-diameter (jacket)6.9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Conductor crosssection (wire)0,34 mm²Current load capacity (standard)to DIN VDE 0298-4Min. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature (min. (dynamic))-20 °COperating temperature max. (dynamic)80 °CFlame resistanceUL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing   DIN EN 60811-404Bending radius (fixed)10 x Outer diameter	wire arrangement	brown, white, blue, black, gray
Tolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires5Conductor crosssection (wire)0,34 mm²Current load capacity (standard)to DIN VDE 0298-4Min. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-20 °COperating temperature max. (dynamic)80 °CFlame resistanceUL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGo	Material jacket	PUR
Material wire insulationPPAmount wires5Conductor crosssection (wire)0,34 mm²Current load capacity (standard)to DIN VDE 0298-4Min. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-20 °COperating temperature max. (dynamic)80 °CFlame resistanceUL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistance </td <td>Outer-diameter (jacket)</td> <td>6,9 mm</td>	Outer-diameter (jacket)	6,9 mm
Amount wires5Conductor crosssection (wire)0,34 mm²Current load capacity (standard)to DIN VDE 0298-4Min. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-20 °COperating temperature max. (dynamic)80 °CFlame resistanceUL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testing   DIN EN 60811-404Bending radius (fixed)10 x Outer diameter	Tolerance outer diameter (sheath)	± 5 %
Conductor crosssection (wire)0,34 mm²Current load capacity (standard)to DIN VDE 0298-4Min. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-20 °COperating temperature max. (dynamic)80 °CFlame resistanceUL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing   DIN EN 60811-404Bending radius (fixed)10 x Outer diameter	Material wire insulation	PP
Current load capacity (standard)to DIN VDE 0298-4Min. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-20 °COperating temperature max. (dynamic)80 °CFlame resistanceUL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceI0 x Outer diameter	Amount wires	5
Min. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-20 °COperating temperature max. (dynamic)80 °CFlame resistanceUL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceI0 × Outer diameter	Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Max. operating temperature (fixed)80 °COperating temperature min. (dynamic)-20 °COperating temperature max. (dynamic)80 °CFlame resistanceUL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceIn 2000 (application-related testing)Oil resistanceIn 2000 (application-related testing)Oil resistanceIn 2000 (application-related testing)Oil resistanceIn 2000 (application-related testing)In x Outer diameterIn x Outer diameter	Current load capacity (standard)	to DIN VDE 0298-4
Operating temperature min. (dynamic)-20 °COperating temperature max. (dynamic)80 °CFlame resistanceUL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing   DIN EN 60811-404Bending radius (fixed)10 x Outer diameter	Min. operating temperature (static)	-40 °C
Operating temperature max. (dynamic)80 °CFlame resistanceUL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing   DIN EN 60811-404Bending radius (fixed)10 x Outer diameter	Max. operating temperature (fixed)	80 °C
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)       10 x Outer diameter	Operating temperature min. (dynamic)	-20 °C
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)       10 x Outer diameter	Operating temperature max. (dynamic)	80 °C
Gasoline resistance       Good, application-related testing         Oil resistance       Good, application-related testing   DIN EN 60811-404         Bending radius (fixed)       10 x Outer diameter	Flame resistance	UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2
Oil resistance     Good, application-related testing   DIN EN 60811-404       Bending radius (fixed)     10 x Outer diameter	chemical resistance	Good, application-related testing
Bending radius (fixed)     10 x Outer diameter	Gasoline resistance	Good, application-related testing
	Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (dynamic)     15 x Outer diameter	Bending radius (fixed)	10 x Outer diameter
	Bending radius (dynamic)	15 x Outer diameter

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: 2024-06-23

Murrelektronik B.V. | Takkebijsters 3 | 4817 BL Breda | Fon 085-22 20 282 | Fax 085-22 20 283 | shop@murrelektronik.nl | shop.murrelektronik.nl