

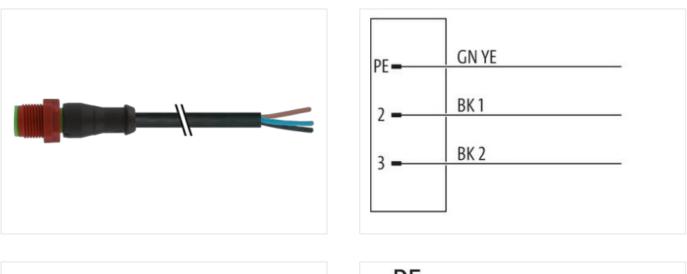
## M12 male 0° C-cod. with cable

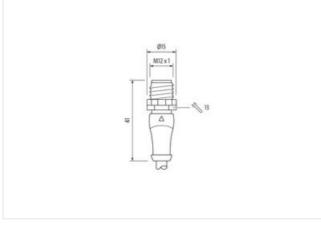
PUR 3x0.75 bk UL/CSA+drag ch. 15m

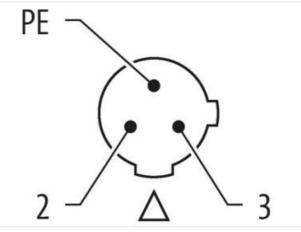
Male straight M12, 3-pole C-coded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product

Illustration







Product may differ from Image



 Cable length
 15 m

 Side 1
 Tightening torque

 0,6 Nm

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: 2024-05-19

Murrelektronik GmbH | Office Park 4, 4.OG/Top A.45 | 1300 Wien-Flughafen | Fon +43 1 706 45 25-0 | Fax +43 1 706 45 25-300 | shop@murrelektronik.at | shop.murrelektronik.at



Tread         M12 x 1           Dagras of profection (RLEG 60050)         M604, IP67           Commercial dis         E           ECLASS-6.0         2729216           ECLASS-70         2729218           ECLASS-71.1         27060311           ECLASS-71.2         27060311           ECLASS-71.0         27060311           ECLASS-71.0         27060311           ECLASS-71.0         27060311           ECLASS-71.0         27060311           ECLASS-70.0         25001           Control of data Suppi         1           Electrical         Suppi N           Control of data Contax         250 V           Control of data Contax         250 V           Control of data Marcal data         Methadical Contax           Electrical         Suppi N           Methadi Calla Marcal data         Methadical Suppi N           Device on data Contax         25 VC	Family construction form	M12
Commercial datsECLASS 8.027278718ECLASS 7.027278718ECLASS 7.027278718ECLASS 7.027278718ECLASS 8.027278718ECLASS 8.027278718ECLASS 8.0.127060311ECLASS 7.0.127060311ECLASS 7.0.127060311ECLASS 7.0.127060311ECLASS 7.1.227060311ECLASS 7.1.327060311ECLASS 7.1.327060311ECLASS 7.1.427060311ECLASS 7.1.5250010Packaging unit404897861530Conventiog values of a convention of	Thread	M12 x 1
ECLASS 6.0         2727218           ECLASS 6.1         27279218           ECLASS 6.1         27279218           ECLASS 7.0         27279218           ECLASS 6.0         27292918           ECLASS 7.0         27292918           ECLASS 7.0         27292918           ECLASS 7.0         27060311           ECLASS 7.0         2706031           ECLASS 7.0         2706031           Colasting fund         1           Evaluation on the provide max         2.5 0 V           Corrent operating proverontat max         4 A           Device protectin   Electrical         Evaluation           Reclamical data   Material data         Inserted, screwed, Shaking protection           Reclamical data   Material data         Evaluation           Reclamical data   Material data         Evaluation	Degree of protection (EN IEC 60529)	IP66K, IP67
ECLASS 6.1         27278218           ECLASS 7.0         27278218           ECLASS 8.0         27278218           ECLASS 8.0         27060311           ECLASS 7.0         2706031           ECLASS 7.0         EC001655           oxators tariff number         8544230           Callon al condition data fille fille fille         Fille           Parkaging unit         1           Electrical data [Supply         Carent operating ontant max.           A A         A           Device protection [Electrical         Carent operating ontage at the state of screwed           Radiand condition fordition forditi	Commercial data	
ECLASS 7.0         22292918           ECLASS 8.0         27260311           ECLASS 8.0         27060311           ECLASS 8.10.1         27060311           ECLASS 8.10.1         27060311           ECLASS 8.10.1         27060311           ECLASS 8.10.1         27060311           ECLASS 8.12.0         27060311           ECLASS 9.1         10           ECLASS 9.1         27060311           ECLASS 9.1         11           Electaria data [Suppi)         27060311           Current operating tomperation anax.         280 V           Current operating tomperation protection dage         2.5 KV           Machanical data [Mounting data         PA           Mounting method	ECLASS-6.0	27279218
ECLASS 9.0         2279218           ECLASS 9.0         27060311           ECLASS 10.1         27060311           ECLASS 11.1         27060311           ECLASS 12.0         27060311           ECLASS 12.0         27060311           ECLASS 12.0         27060311           ETM 5.0         EC001885           customs tarff number         8544290           GTIN         494875881530           Packaging unit         1           Electrad data [Supply         Coperating subges 40, max.           Operating voltage AC max.         250 V           Current operating per contact max.         4 A           Device protector Electrical         Current operating and tabate           Mechanical data [Maerial data         F           Mechanical data [Maerial data         PA           Mechanical data [Maerial data         Maeria	ECLASS-6.1	27279218
EOLASS 9.0         27060311           EOLASS 10.1         27060311           EOLASS 11.1         27060311           EOLASS 11.0         27060311           EOLASS 12.0         27060311           EOLASS 11.1         27060311           EOLASS 12.0         EO001855           cataoms taff mumber         88444200           GTIN         4048575831530           Packaging unit         1           Electrical data   Supply            Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Corrent operating por contact max.         4 A           Device protection   Electrical            Additional condition protection degree         inserted, sorewed           Rated surge voltage AC         55 V           Mechanical data   Material data            Moting methor         PA           Mechanical data   Mounting data         Material data           Mounting methor         25 °C           Operating imperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Sec °C           Operating imperenate methor         <	ECLASS-7.0	27279218
ECLASS-10.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ETM-5.0         EC001955           catabox tarff number         85644290           GTIN         404897591530           Packaging unt         1           Electrical data   Suppty         Corrent operating voltage AC max.           Operating voltage AC max.         250 V           Current operating pare contact max.         4 A           Device opretection Electrical         Contract operating pare contact max.           Additional condition protection degree         inserted, screwed           Rated surge voltage         2,5 kV           Mechanical data   Mounting data         Electrical data   Mounting data           Mechanical data   Mounting data         Electrical screwed, Shaking protection           Eduction al condition reportature man.         25 °C           Oparating temperature max.         85 °C           Additional condition temperature may         depending on cable quality           Important installation non	ECLASS-8.0	27279218
ECLASS-11.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     EC001855       customs tauff number     8544230       GTIN     404897881530       Packaging unit     1       Electrical data   Suppy        Operating voltage DC max.     250 V       Operating voltage DC max.     250 V       Current operating oper contact max.     4 A       Device protection   Electrical       Additional condition protection degree     inserted, screwed       Rated surge voltage     2,5 kV       Mechanical data   Material data     PA       Mechanical data   Material data     PA       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coperating voltage       Operating tomparature min.     -25 °C       Operating tomparature min.     -25 °C       Operating tomparature min.     -25 °C       Operating tomparature max.     45 °C       Addition temperature max.     45 °C       Operating tomparature max.     45 °C <td>ECLASS-9.0</td> <td>27060311</td>	ECLASS-9.0	27060311
ECLASS-12.0         27060311           ETIM 5.0         EC001855           customs tailf number         E544290           GTIN         404897581530           Packaging unit         1           Electrical dial Supply         Electrical dial Supply           Operating voltage DG max.         250 V           Operating voltage DG max.         250 V           Device protection [Electrical         Electrical dial Supply           Additional condition protection degree         inserted, screwed           Rated surge voltage         2,5 kV           Mechanical dia   Material dial         PA           Mechanical dia   Material dial         PA           Mouning method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Climatic           Operating temperature max.         85 °C           Additional condition temperature max.         85 °C           Additional condition temperature max.         85 °C           Additional condition temperature max.         85 °C           Additional econdition temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important instail for notes         Protect the connectors by suitable measures from mechanical loads, e	ECLASS-10.1	27060311
ETIM-5.0         EC001855           customs tariff number         B5444290           GTIN         404857861530           Packaging unit         1           Electrical datal Supply         Coperating voltage AC max.           Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Current operating net contact max.         4 A           Device protection   Electrical         Additional condition protection degree           Additional condition protection degree         inserted, screwed           Reted surge voltage         2,5 kV           Mechanical data   Material data         Lacking material           Locking material         PA           Mechanical data   Material data         Lacking material           Coperating temperature max.         85 °C           Operating temperature max.         85 °C           Addition condition temperature max.         85 °C           Note on stain relief         Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable tes.           Note on stain relief         Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable tes.           Installation radius         Attention: Observe the parmissible barding radii whena laying cables, as the IP protection class can be endangered by	ECLASS-11.1	27060311
customs tarif number         85444290           GTN         4048879581530           Packaging unit         1           Electrical data   Supply         250 V           Operating voltage AC max.         250 V           Corrent operating per contact max.         4 A           Device protection   Electrical         Corrent operating per contact max.           Additional condition protection degree         inserted, screwed           Rated surge voltage         2,5 kV           Mechanical data   Muterial data         PA           Mechanical data   Muterial data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         FO           Operating temperature max.         25 °C           Operating temperature max.         25 °C           Operating temperature max.         85 °C           Additional condition netwersture range         depending on cable quality           Important insiallation notes         Environmental characteristics   Climatic           Note on strain relief         Protect the connectors by suitable measures from mechanical loads. e.g. by the usage of cable ites.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be condargeed by accessible bending radii when laying cables, as the IP protection class can be condargeed	ECLASS-12.0	27060311
GTIN     4048879581530       Packaging unit     1       Electrical data   Supply        Operating voltage AC max.     250 V       Operating voltage AC max.     250 V       Current operating per contact max.     4 A       Device protection   Electrical        Additional condition protection degree     inserted, screwed       Rated aurge voltage     2,5 kV       Mechanical data   Moterida data        Locking material     PA       Mechanical data   Mounting data        Device protection   clinectricitics   Climatic        Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic        Operating temperature min.     -25 °C       Operating temperature min.     -25 °C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important instaliation notes     Attention: Observe the permissible bending radii when laying cables, e.g. by the usage of cable tes.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tes.       Installation   Cable	ETIM-5.0	EC001855
Packaging unit         1           Electrical data   Supply         250 V           Operating voltage DC max.         250 V           Current operating per contact max.         4 A           Device protection   Electrical         Addition protection degree           Additional condition protection degree         inserted, screwed           Rated surge voltage         2,5 V           Mechanical data   Mounting data         Machanical data   Mounting data           Mochanical data   Mounting data         PA           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating lemperature max.           Operating lemperature max.         85 °C           Addition temporature range         depending on cable quality           Importal installation notes         Visconvectors by suitable measures from mechanical loads, e.g., by the usage of cable lies.           Note on stain relief         Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable lies.           Installation (Cable         Visconvectors by suitable measures from mechanical loads, e.g., by the usage of cable lies.           Installation (Cable         Visconvectors by suitable measures from mechanical loads, e.g., by the usage of cable lies.           Installation (Cable         Visconvectors by suitable measures from mechanical	customs tariff number	85444290
Electrical data   Supply           Operating voltage AC max.         250 V           Operating voltage DC max.         250 V           Current operating per contact max.         4 A           Device protection   Electrical            Additional condition protection degree         inserted, screwed           Rated surge voltage         2.5 kV           Mechanical data   Material data            Locking material         PA           Mechanical data   Mounting data         PA           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic            Operating temperature min.         -25 °C           Operating temperature min.         -25 °C           Operatin installation notes         Se °C           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Installation of due         black 1, black 2, green-yellow           Cable identification         636           Cable identification         636           Cable identification         636           Cable identification	GTIN	4048879581530
Operating voltage AC max.         250 V           Operating voltage DC max.         250 V           Current operating per contact max.         4 A           Device protection   Electrical         Inserted, screwed           Rated surge voltage         2,5 kV           Mechanical data   Material data         Inserted, screwed, Shaking protection           Mechanical data   Material data         Inserted, screwed, Shaking protection           Mechanical data   Mounting method         inserted, screwed, Shaking protection           Environmethal characteristics   Climatic         Operating temperature min.           Operating temperature max.         85 °C           Operating temperature max.         85 °C           Additional condition temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Note on strain relief           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Attention: Cobserve the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation   Cable         Since A_ preeny-vellow           Cable ruppe         3           Printing color of wire insulation         white (isolation black) </td <td>Packaging unit</td> <td>1</td>	Packaging unit	1
Operating voltage DC max.         250 V           Current operating per contact max.         4 A           Device protection   Electrical	Electrical data   Supply	
Operating voltage DC max.         250 V           Current operating per contact max.         4 A           Device protection   Electrical	Operating voltage AC max.	250 V
Current operating per contact max.         4 A           Device protection   Electrical         Inserted, screwed           Rated surge voltage         2,5 kV           Mechanical data   Material data         Edit   Material data           Locking material         PA           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature max.           Operating temperature main.         -25 °C           Operating temperature main.         -25 °C           Operating temperature range         depending on cable quality           Important installation notes         Note on strain relief           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.           Installation   Cable         Wire arangement           black 1, black 2, green-yellow         Cable famification           Cable Identification         636           Cable Identification         638           Cable View of wire insulation         white (soltation black)           Jacket Color         black 1, black 2, green-yellow           Cable View of wire insulation         white (soltation black)           Jacket Color         black           Type of Cartificate	, , ,	250 V
Device protection   Electrical           Additional condition protection degree         inserted, screwed           Rated surge voltage         2.5 kV           Mechanical data   Material data            Locking material         PA           Mechanical data   Mounting data         inserted, screwed, Shaking protection           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic            Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes            Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Installation   Cable         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endargered by excessive bending forces.           Installation   Cable         Siace Caple Signed Sig		4 A
Additional condition protection degree         inserted, screwed           Rated surge voltage         2,5 kV           Mechanical data   Material data         PA           Mechanical data   Mounting data         inserted, screwed, Shaking protection           Mennical data   Mounting data         inserted, screwed, Shaking protection           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important Installation notes         Voltection: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation   Cable         Voltection: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation   Cable         Sa           Vite argegreent         black 1, black 2, green-yellow           Cable Identification         636           Cable Identification         636           Cable Identification         636           Yope of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           write rarangement         black 1, black 2, green-yellow           Cable Vipp of Certific		
Rated surge voltage       2,5 kV         Mechanical data   Material data       PA         Mechanical data   Mounting data       Mounting method         Inserted, screwed, Shaking protection       Environmental characteristics   Climatic         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important Installation notes       Mounting cables, as the IP protection class can be endangered by excessive bending forces.         Installation   Cable       Vertext the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Installation   Cable       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Installation   Cable       black 1, black 2, green-yellow         Cable identification       636         Cable identification       636         Cable identification       636         Cable identification       black         Type of Certificate       cURus         Amount stranding       1         Stranding       3 wires twisted         wirie arra	•	inserted earswed
Mechanical data   Material data           Locking material         PA           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Furiomental characteristics   Climatic         Correction           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Environmental characteristics   Climatic           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation   Cable         Usak 1, black 2, green-yellow           Cable identification         636           Cable identification         636           Cable identification         black 1, black 2, green-yellow           Cable identification         34           Type of Certificate         URUs           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         black 1, black 2, green-yellow           Cable weigh         56.1 g/m           A	· -	
Locking material         PA           Mechanical data   Mounting data         inserted, screwed, Shaking protection           Furvironmental characteristics   Climatic         inserted, screwed, Shaking protection           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes            Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation   Cable            wire arrangement         black 1, black 2, green-yellow           Cable Type         3           Printing color of wire insulation         white (isolation black)           Jacket Color         black           Type of Certificate         cPRus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         black 1, black 2, green-yellow           Cable Type         3           Printing color of wire insulation         white (isolation black)		2,5 KV
Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature min.         -25 °C           Operating temperature max.         85 °C         Additional condition temperature max.         85 °C           Additional condition temperature range         depending on cable quality         Important installation notes           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ending radii when laying cables, as the IP protection class can be ending radii when laying cables, as the IP protection class can be ending radii when laying cables, as the IP protection class can be ending torces.           Installation   Cable         wire arrangement         black 1, black 2, green-yellow           Cable identification         636         Cable Type           Amount stranding         1         Stranding           Type of Certificate         cURus         Amount stranding           Amount stranding         1         Stranding         3 wires twisted           wire arrangement         black 1, black 2, green-yellow         Cable weigth         56, 19 /m           Katendig         1         Stranding         3 wires twisted	· · · · · · · · · · · · · · · · · · ·	
Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation   Cable            wire arrangement         black 1, black 2, green-yellow           Cable identification         636           Cable Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         black 1, black 2, green-yellow           Cable dewigth         56, 1 g/m           Material jacket         PUR           Stranding         1 wire stranding           Stranding         90 ± 5 Shore A           Foredom	-	РА
Environmental characteristics   ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityImportant installation notesNote on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.Installation   CableWire arrangementblack 1, black 2, green-yellowCable top of wire insulationwhite (isolation black)Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth56, 1 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)Iead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mm		
Operating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityImportant installation notesNote on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.Installation   Cablewire arrangementblack 1, black 2, green-yellowCable identification636Cable Type3Printing color of wire insulationwhite (isolation black)Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowGoble weigth5,1 g/mAmount stranding1Stranding9 wires twistedwire arrangementblackblack 1, black 2, green-yellowCable weigth5,1 g/mMaterial jacketPURShore hardness jacket90 ± S Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mm	Mounting method	inserted, screwed, Shaking protection
Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Installation   Cable       wire arrangement       black 1, black 2, green-yellow         Cable identification       636         Cable Type       3         Printing color of wire insulation       white (isolation black)         Jacket Color       black         Type of Certificate       cURus         Amount stranding       1         Stranding       3 wires twisted         wire arrangement       black 2, green-yellow         Cable weigth       56,1 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)       5,9 mm	Environmental characteristics   Climatic	
Additional condition temperature range       depending on cable quality         Important installation notes         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Installation   Cable         wire arrangement       black 1, black 2, green-yellow         Cable identification       636         Cable Type       3         Printing color of wire insulation       white (isolation black)         Jacket Color       black         Type of Certificate       cURus         Amount stranding       1         Stranding       3 wires twisted         wire arrangement       black 1, black 2, green-yellow         Cable weigth       56,1 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)       5,9 mm	Operating temperature min.	
Important installation notes           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation   Cable         wire arrangement         black 1, black 2, green-yellow           Cable identification         636         Cable identification         636           Cable Type         3         Printing color of wire insulation         white (isolation black)         Jacket Color         black           Type of Certificate         cURus         CuRus         Mount stranding         1           Stranding         3 wires twisted         sivera strangement         black 1, black 2, green-yellow           Cable weigth         56,1 g/m         Stranding         1         Stranding         Store hardness jacket         PUR           Shore hardness jacket         90 ± 5 Shore A         Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free         Store-free	Operating temperature max.	85 °C
Note on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.Installation   Cablewire arrangementblack 1, black 2, green-yellowCable identification636Cable identification636Cable identificationwhite (isolation black)Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth56.1 g/mMote of using stacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-freeOuter-diameter (jacket)5.9 mm	Additional condition temperature range	depending on cable quality
Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation   Cable           wire arrangement         black 1, black 2, green-yellow           Cable identification         636           Cable Type         3           Printing color of wire insulation         white (isolation black)           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         black 1, black 2, green-yellow           Cable to prove the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Jacket Color         636           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         black 1, black 2, green-yellow           Cable weigth         56,1 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)<	Important installation notes	
Note on bending radiusendangered by excessive bending forces.Installation   Cablewire arrangementblack 1, black 2, green-yellowCable identification636Cable Type3Printing color of wire insulationwhite (isolation black)Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth56,1 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)Ead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mm	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
wire arrangementblack 1, black 2, green-yellowCable identification636Cable Type3Printing color of wire insulationwhite (isolation black)Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigh56,1 g/mMaterial jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mm	Note on bending radius	
Cable identification636Cable Type3Printing color of wire insulationwhite (isolation black)Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 2, green-yellowCable weigth56,1 g/mMaterial jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mm	Installation   Cable	
Cable Type3Printing color of wire insulationwhite (isolation black)Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth56,1 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)5,9 mm	wire arrangement	black 1, black 2, green-yellow
Printing color of wire insulationwhite (isolation black)Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth56,1 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)5,9 mm	Cable identification	636
Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth56,1 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mm	Cable Type	3
Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth56,1 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mm	Printing color of wire insulation	white (isolation black)
Amount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth56,1 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mm	Jacket Color	black
Stranding       3 wires twisted         wire arrangement       black 1, black 2, green-yellow         Cable weigth       56,1 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)       5,9 mm	Type of Certificate	cURus
wire arrangement       black 1, black 2, green-yellow         Cable weigth       56,1 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)       5,9 mm	Amount stranding	1
Cable weigth       56,1 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)       5,9 mm	Stranding	3 wires twisted
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)     5,9 mm	wire arrangement	black 1, black 2, green-yellow
Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer-diameter (jacket)     5,9 mm	Cable weigth	56,1 g/m
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mm	Material jacket	PUR
Outer-diameter (jacket) 5,9 mm	Shore hardness jacket	90 ± 5 Shore A
	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Tolerance outer diameter (sheath) ± 5 %	Outer-diameter (jacket)	5,9 mm
	Tolerance outer diameter (sheath)	±5%

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19

Murrelektronik GmbH | Office Park 4, 4.OG/Top A.45 | 1300 Wien-Flughafen | Fon +43 1 706 45 25-0 | Fax +43 1 706 45 25-300 | shop@murrelektronik.at | shop.murrelektronik.at



Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1,85 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Printing color of wire insulation	white (isolation black)
Amount strands (wire)	42
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,75 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	12 A
Electrical resistance line constant wire	26 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19