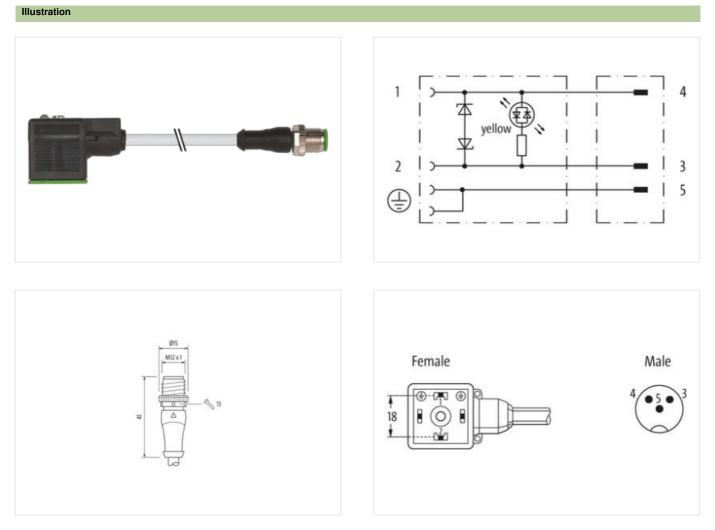


## M12 male 0° A-cod. / MSUD valve plug A-18mm

PUR 3x0.75 gy UL/CSA 1.2m

Form A (18 mm) – M12, male straight 24 V AC ±20% / DC ±25% LED and suppression Bridged PE A-coded Further cable lengths on request. 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



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: 2024-05-18 Murrelektronik bv | Noorderlaan 147-b9 | B-2030 Antwerpen | Fon +32 (0)380 868 81 | Fax | shop@murrelektronik.be





Product may differ from Image



Cable length	1,2 m
Side 1	
Tightening torque	0,4 Nm
Family construction form	M12
Thread	M3
suitable for corrugated tube (internal $Ø$ )	10 mm
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP67
Side 2	
Tightening torque	0,6 Nm
Thread	M12 x 1
Material	PBT
Degree of protection (EN IEC 60529)	IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060312
ECLASS-11.1	27060312
ECLASS-12.0	27060312
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879152587
Packaging unit	1
Electrical data	
Drop-out delay time max.	20 ms
Electrical data   Supply	
Operating voltage AC	24 V
Operating voltage AC min.	19,2 V
Operating voltage AC max.	28,8 V

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: 2024-05-18

Murrelektronik bv | Noorderlaan 147-b9 | B-2030 Antwerpen | Fon +32 (0)380 868 81 | Fax | shop@murrelektronik.be | shop.murrelektronik.be



Operating voltage DC min.18 VOperating voltage DC max.30 VCut-off peak voltage max.55 VCurrent operating per contact max.4 ACurrent consumption max.15 mADiagnosticsStatus indication LEDyellowDevice protection   ElectricalAdditional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage0,8 kVMaterial group (IEC 60664-1)IMechanical data   Material dataCoating lockingNickeledColor housingblackMaterial gasketPURMaterial housingPlastic	Operating voltage DC	24 V
Operating voltage DC max.         90 V           Col of gesk voltage max.         56 V           Col of gesk voltage max.         56 V           Current coordingt op or ontacl max.         15 PA           Debigoestic         Status indication LED           Status indication LED         yellow           Device protection   Electrical         Additional continuon protection degree           Additional continuon protection degree         3           Tested surge voltage         0.8 kV           Mestanal group (EC 60664-1)         1           Mestanal group (EC 60664-1)         1 <td></td> <td></td>		
Out-off peak-voltage max.         56 V           Current consumption max.         15 mA           Diagnetics         Status indication LED         yellow           Device production flactional         merrent, service         merrent, service           Additional condition production degree         is marrent, serviced         metrent, serviced           Patiation Degree         3         metrent, serviced           Material grave voltage         0.8 kV         metrent, serviced           Material grave         PUR         metrent flows flow           Material gravet         PUR         metrent flows flow           Material gravet         PUR         metrent flows flow           Mounting method         inserted, serowed         metrent flows flow           Mounting method         inserted, serowed         metrent inserted, serowed           Environmental Advancetristics I Climate         depending on cable quality           Mounting temperature min.         25 °C         Operating temperature max.           Adve on strain relief         Proted the connect		
Ourrent operating per contact max.         4 A           Current consumption max.         15 mA           Disponetics         Status indication LED           Status indication LED         yellow           Device protection [ fectrical         Additional conflicion protection disponetion           Additional conflicion protection disponetion         3           Rated surge coltage         3           Rated surge (EC 65664-1)         1           Meterial grace (EC 65664-1)         1           Meterial grace (EC 65664-1)         1           Meterial gasset         PUR           Meterial gasset         PUR           Meterial gasset         PUR           Meterial data [ Mounting data         Incerted, screwed           Environmental characteristics   Climatic         Competing in sprateure max.           Operating insprature max.         25 °C           Operating insprature max.         25 °C           Charagement         depending force.           Note on stating insprature max.         25 °C           Charagement         black 1, black 2, green-yellow           Cable on stating insprature max.         26 °C           Additional conflicion temperature straps         depending max weenes the max weenestraps           Note on stating inspr		
Current consumption max.         15 mA           Displacities         yellow           Divece protoction   Electrical         Additional condition protection degree         inserted, screwed           Poluliun Dayre         3         3           Rated arge voltage         0.8 kV           Maternial group (IEC 6056-11)         1           Machanical disa [Maternial disa         1           Machanical disa [Maternial disa         1           Machanical disa [Maternial disa         1           Maternial group (IEC 6056-11)         1           Machanical disa [Maternial disa         1           Maternial disa         PUR           Maternial Toucing         Puaka/           Colorin brainsing         Biak/           Maternial Toucing         Puaka/           Colorin protocol for protocol for protocol for protocol for screwed         Environmental baracteristics [Climatic           Operating temperature mix         25 °G           Oparating temperature max         85 °G           Additional condition representare marker         Attention: Cocleves the parmissible bracing rule when kying cables, as the IP protection class can be condiring rule by excessive bracing frask, expen yellow           Cable on scring rules         Attention: Cocleves the parmissible bracing rules, expen yellow		
Bagnositics         Subue indication LED         yellow           Device protection [Electrics]		
Stats indication LED         yellow           Device protection J Electrical	·	
Device protection   Electrical         Inserted, screwed           Additional condition protection degree         isserted, screwed           Stated surge votage         0,8 kV           Material group (IEC 60666-1)         1           Mechanical diai   Material gaske         FUR           Colaring locking         Nacked           Colaring locking         Back           Material gaske         FUR           Mechanical diai   Mounting data         Zine die casting           Operating temperature max.         85 °C           Operating temperature max.         85 °C           Operating temperature max.         85 °C           Additional condition temperature range         Operating temperature max.           Note on strain reliaf         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable los.           Naterial register         Yender: Usage Zine Usage Zin	-	
Additional condition protection degree         inserted, screwed           Pollution Dagree         3           Relate surge voltage         0.8 VV           Material group (EC 60064 1)         1           Mechanical data [Material data         Voltage           Coating looking         black           Material gasket         PUR           Material gasket         PUR           Material gasket         PUR           Mounting method         inserted, screwed           Environmental characteristics [Climati         inserted, screwed           Environmental characteristics [Climati         Screwed           Environmental characteristics [Climati         Screwed           Importature min.         25 °C           Operating temperature max.         85 °G           Additional oractifics memorature max.         85 °G           Additional oractifics (Climati         Environmental formatics           Importatin installation notes         Attention: Observe the permissible bending ratil when laying cables, as the IP protection class can be endangered by excessive bending tracil.           Note on bending radiu         Black 1, black 2, green yellow           Cable infortion         228           Cable Clair         gray           Type of Cablif         Si S Si Suria		yellow
Pallution Degree         3           Rated surge voltage         0.8 kV           Material group (E 60684+1)         1           Mechanical data (Material data         Cataling (Ce 8068+1)           Cataling (Ce 8068+1)         Nickeled           Color housing         Maak           Material properties         PUR           Material housing         Plastic           Locking material         Zino die-ceasing           Material housing         Plastic           Conding method         Inserted, screwed           Environmental characteristics (Climatic         Operating temperature min.           Operating temperature min.         25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important Installation notes         Attention: Observe the permissible bending radii when keying cables, as the IP protection class can be ending radiis when keying cables, as the IP protection class can be ending forces.           Instalation (Cable         Quere visual examples         Quere visual examples           Cable oftentification         22         Quere visual examples         Quere visual examples           Instal color         gree         Quere visual examples         Quere visual examples         Quere visual examples <td>· ·</td> <td></td>	· ·	
Rated surge voltage         0.8 kV           Material group (EC 60864-1)         1           Mechanical data   Material data         Control locking           Scalard locking         Nickeled           Golor housing         black           Material pasket         PUR           Material pasket         PUR           Material housing         Plastic           Locking material         Zinc dic casting           Mechanical data   Mounting data         Material pasket           Mouting method         inserted, screwed           Environmental characteristics   Climatic         Comparing temperature max.           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Inport installation nocts         Material pasket           Note on strain reliel         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable files.           Installation Cable         Attention: Observe the permiscible bording radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation Cable         Uper serve yellow           Cable inform         Stax 1, black 2, green-yellow           Cable inform         Stax 1, black 2, green-yellow           Cable weigh		·
Material group (IEC 60664-1)         I           Mechanical data   Material data         Vickeled           Coating locking         black           Material gasket         PUR           Material gasket         PUR           Material statistical data   Mounting data         Incerted, screwed           Evolution material         Zinc die-casting           Mechanical data   Mounting data         Incerted, screwed           Environmental characteristics   Climatic         25 °C           Operating temperature max.         85 °C           Additional condition interperature range         depending on cable quality           Important installation notes         Meterial group (IEC 60664 T)           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.           Nate argoment         black 1, black 2, green-yellow           Cable definition         226           Cable definition         226           Cable definition         226           Cable definition         226           Cable Cloir         gray           Type of Cartificate         cLPusia           Amount stranding         1           Stranding         3 wires twisted           Material weight         <		
Mechanical data   Material data           Cading looking         Nickeled           Color housing         black           Material gaskel         PUR           Material data / Mounting data         Zinc die-cassing           Mechanical data / Mounting data         Inserted. screwed           Environmental characteristics   Climatic         Coperating temporature min.           25 °C         Operating temporature min.           26 °C         Operating temporature man.           Additional condition temporature range         depending on cable quality           Importat installation notes         Material bio measures from mechanical loads, e.g. by the usage of cable ites.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.           Installation I cable         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be and angered by excessive bending forces.           Installation I cable         UPUs           Cable Type         2           Cable Type         2           Cable Gardification         266           Cable I black 1. b		0,8 kV
Caling locking         Nickeled           Golr Nousing         black           Material gaskel         PUR           Material gaskel         Plastic           Locking material         Zinc cile-casting           Metherial characteristics [ Climatic         Inserted, screwed           Environmental characteristics [ Climatic         Besprecision           Operating temperature min.         -25 °C           Operating temperature ranze         85 °C           Additional condition temperature ranze         depending on cable quality           Important installation notes         Meterion: Observe the parmissible bending radii when laying cables, e.g. by the usage of cable fes.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fes.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fes.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fes.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fes.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fes.           Straining         Straining         Strention <td>Material group (IEC 60664-1)</td> <td>1</td>	Material group (IEC 60664-1)	1
Color housing         black           Material gasket         PUR           Material gasket         PUR           Material gasket         Plastic           Looking material         Zino die-casting           Mechanical data   Mounting data         inserted, screwed           Environmental characteristics   Climatic         Operating temperature max.           Q5 °C         Operating temperature max.           Addition temperature max.         85 °C           Additemperature max.         84 °C </td <td>Mechanical data   Material data</td> <td></td>	Mechanical data   Material data	
Material gasket         PUR           Material housing         Plastic           Locking material         Zinc die casting           Mechanical data   Mounting data         Inserted, screwed           Environmental characteristics   Climatic         Operating temperature min.         -25 °C           Operating temperature max.         85 °C         Addincal condition temperature range         depending on cable quality           Important installation notes         Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Nate an angement         black 1, black 2, green-yellow           Cable of bentification         226           Cable Type         2           Jacket Color         gray           Type of Certificate         URus           Anount stranding         1           Stranding         3 wires twisted           wire arrangement         black 1, black 2, green-yellow           Cable bentification         228           Cable bentification         URus	Coating locking	Nickeled
Material housing         Plastic           Locking material         Zinc die casting           Mechanical data  Mounting data         Mounting method           Mounting method         inserted, screwed           Environmental characteristics   Climatic         Operating temperature max.           Operating temperature max.         85 °C           Additional condition temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Important installation cobes           Note on strain relief         Protect the connectors by suitable measures from machanical loads, e.g. by the usage of cable lies.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endiageed by excessive bending forces.           Installation   Cable         Vice x 1, black 2, green-yellow           Cable rolphi         22           Jackot Color         gray           Type of Colificate         cURus           Anount strainding         1           Stranding         3 wires twisted           wire arangement         black 1, black 2, green-yellow           Cable weight         55,33 grm           Material jacket         PUR           Stranding	Color housing	black
Locking material         Zinc die-casting           Mechanical data   Mounting data         Inserted, screwed           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 radius         Attention: Observe the permissible bending radii when laying cables, 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         View arrangement         black 1, black 2, green-yellow           Cable identification         226         Cable           Cable Iofentificate         ClRus         ClRus           Amount stranding         1         Stranding         1           Stranding         3 wires twisted         Stranding         Stranding           View arrangement         black 1, black 2, green-yellow         Cable weight         S5,33 g/m           Cable weight         55,33 g/m         Stranding         Stres twires twisted         Stres twires twisted	Material gasket	PUR
Mechanical data   Mounting data           Mounting method         inserted, screwed           Environmental characteristics   Climatic         Operating temperature min.         -25 °C           Operating temperature min.         -25 °C         Operating temperature max.         85 °C           Additional condition temperature maxe         85 °C         Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality         Operating temperature max.         85 °C           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tiles.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ending protection class (and be ending forces.           Installation   Cable         Wire arrangement         black 1, black 2, green-yellow           Cable fuppe         2         2           dacket Color         gray         7           Type of Contincate         cURus         2           Amount stranding         1         53 30 m           Material jacket         PUR         53 33 ym           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         Iead free, cadmium-free, CFC-free, halogen-free, silicone-free           Duter diameter (jacket)	Material housing	Plastic
Mounting method         inserted, screwed           Environmental characteristics   Climatic           Operating temperature min.         -25 ° C           Operating temperature max.         85 ° C           Additional condition temperature range         depending on cable quality           Important installation notes         Important installation notes           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Nate on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation   Cable         View arrangement           black 1, black 2, green-yellow         Cable identification           Cable forpe         2           Jacket Color         gray           Type of Cartificatio         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         black 1, black 2, green-yellow           Cable weigh         55.33 g/m           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         black 1, black 2, green-yellow           Cable weigh         55.35 g/m	Locking material	Zinc die-casting
Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Motion temperature max.           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         Ze6           Cable dentification         226           Cable Type         2           Jacket Color         gray           Type of Certificate         CuRus           Amount strainding         1           Stranding         3 wires twisted           wire arrangement         black 1, black 2, green-yellow           Cable dentification         226           Cable dentification         236           Vipe of Certificate         CuRus           Amount strainding         1           Stranding         1           Stranding         1           Stranding         5 % Store A           Freedon from ingredie	Mechanical data   Mounting data	
Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature maya       depending on cable quality         Important Installation notes       Important installation notes         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       Use on strain relief         Write arrangement       black 1, black 2, green-yellow         Cable forthiftication       226         Cable forthiftication       226         Cable forthiftication       210         Virg of Certificate       cURus         Amount stranding       1         Stranding       3 wires twisted         wire arrangement       black 1, black 2, green-yellow         Cable weighth       55,33 g/m         Material jackt       PUR         Shore hardness jacket       85 ± 5 Shore A         Freedom from ingredients (jacket)       12 s/m         Outer diameter (jacket)       5,9 mm         Tolerance outer diameter (sheath)       ± 5 %         Material jack       P	Mounting method	inserted, screwed
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 lies.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.           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         2         2           Jacket Color         gray         Type of Certificate           Attentioning         1         Stranding         1           Stranding         3 wires twisted         wire arrangement         black 1, black 2, green-yellow           Cable weigth         55,33 g/m         Stranding         1           Stranding         3 wires twisted         Stranding         Stranding           Material jacket         PUR         Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         Outer-diameter (jacket)         5 %           Outer diameter (jacket)<	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.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endingered by excessive bending forces.         Installation   Cable       Vector the permissible bending radii when laying cables, as the IP protection class can be endingered by excessive bending forces.         Installation   Cable       Vector the permissible bending radii when laying cables, as the IP protection class can be endingered by excessive bending forces.         Installation   Cable       Vector the permissible bending radii when laying cables, as the IP protection class can be endingered by excessive bending forces.         Installation   Cable       Vector the permissible bending radii when laying cables, as the IP protection class can be endingered by excessive bending forces.         Installation   Cable       Vector the permissible bending radii when laying cables, as the IP protection class can be endingered by excessive bending forces.         Installation   Cable       Vector the permissible bending radii when laying cables, as the IP protection class can be endingered by excessive bending forces.         Type of Certificate       CUBus         Anount stranding       1         Stranding       3 wires twisted         wire arrangement	Operating temperature min.	-25 °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 endingered by excessive bending forces.         Installation   Cable         wire arrangement       black 1, black 2, green-yellow         Cable identification       226         Cable Identificate       cURus         Amount stranding       1         Stranding       3 wires twisted         wire arrangement       black 1, black 2, green-yellow         Cable Weigth       53.33 g/m         Material jacket       PUR         Shore hardness jacket       85 ± 5 Shore A         Freedom from ingredients (jacket)       1ead/ree, cadmium-free, CFC-free, halogen-free, silicone-free         Outer-diameter (jacket)       5,9 mm         Tolerance outer diameter (sheath)       ± 5 %         Material inner jacket       PVC         Aterial inner jacket       PVC         Material inner jacket       PVC         Material inner jacket       PVC         Material inner jacket       PVC         Material inner jacket       <	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 identification226Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth5,33 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)i.ead-free, cadmium-free, CFC-free, halogen-freeOuter-diameter (jacket)5.9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCAmount wires3Outer diameter insulation1.8 mmOuter diameter insulation1.8 mm <th< td=""><td>Additional condition temperature range</td><td>depending on cable quality</td></th<>	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         226           Cable Type         2           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         black 1, black 2, green-yellow           Cable type         2           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         black 1, black 2, green-yellow           Cable weigth         55,33 g/m           Material jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         5.9 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inner jacket         PVC	Important installation notes	
Note on behaving radiusendangered by excessive bending forces.Installation   Cablewire arrangementblack 1, black 2, green-yellowCable identification226Cable identification226Cable identificationgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth55,33 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCMaterial inner jacketPVCMaterial inner jacketPVCMaterial inner jacketPVCMaterial inner jacketPVCMaterial inner jacket5%Outer diameter tolerance core insulation1,8 mmOuter diameter tolerance core insulation43 ± 5 Shore D	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 identification226Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth55,33 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCAmount wires3Outer diameter insulation1,8 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D	Note on bending radius	
Cable identification226Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth55,33 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)iead-free, cadmium-free, CFC-free, halogen-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCMaterial wire insulation1,8 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D	Installation   Cable	
Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth55,33 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D	wire arrangement	black 1, black 2, green-yellow
Jacket Color       gray         Type of Certificate       cURus         Amount stranding       1         Stranding       3 wires twisted         wire arrangement       black 1, black 2, green-yellow         Cable weigth       55,33 g/m         Material jacket       PUR         Shore hardness jacket       85 ± 5 Shore A         Freedom from ingredients (jacket)       lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         Outer-diameter (jacket)       5,9 mm         Tolerance outer diameter (sheath)       ± 5 %         Material inner jacket       PVC         Material wire insulation       PVC         Amount wires       3         Outer diameter tolerance core insulation       1,8 mm         Outer diameter tolerance core insulation       ± 5 %	Cable identification	226
Jacket Color       gray         Type of Certificate       cURus         Amount stranding       1         Stranding       3 wires twisted         wire arrangement       black 1, black 2, green-yellow         Cable weigth       55,33 g/m         Material jacket       PUR         Shore hardness jacket       85 ± 5 Shore A         Freedom from ingredients (jacket)       lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         Outer-diameter (jacket)       5,9 mm         Tolerance outer diameter (sheath)       ± 5 %         Material inner jacket       PVC         Material wire insulation       PVC         Amount wires       3         Outer diameter tolerance core insulation       1,8 mm         Outer diameter tolerance core insulation       ± 5 %	Cable Type	2
Amount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth55,33 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCMaterial wire insulationPVCAmount wires3Outer diameter tolerance core insulation1,8 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D		
Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth55,33 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCMaterial wire insulationPVCAmount wires3Outer diameter tolerance core insulation1,8 mmOuter diameter tolerance core insulation± 5 %		gray
wire arrangementblack 1, black 2, green-yellowCable weigth55,33 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCMaterial wire insulationPVCAmount wires3Outer diameter tolerance core insulation1.8 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D	Type of Certificate	
Cable weigth55,33 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCMaterial wire insulationPVCAmount wires3Outer diameter insulation1,8 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D		cURus
Material jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCMaterial wire insulationPVCAmount wires3Outer diameter tolerance core insulation1,8 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D	Amount stranding	cURus 1
Shore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCMaterial wire insulationPVCAmount wires3Outer diameter tolerance core insulation1,8 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D	Amount stranding Stranding	cURus 1 3 wires twisted
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCMaterial wire insulationPVCAmount wires3Outer diameter insulation1,8 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D	Amount stranding Stranding wire arrangement	cURus 1 3 wires twisted black 1, black 2, green-yellow
Outer-diameter (jacket)       5,9 mm         Tolerance outer diameter (sheath)       ± 5 %         Material inner jacket       PVC         Material wire insulation       PVC         Amount wires       3         Outer diameter tolerance core insulation       1,8 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       43 ± 5 Shore D	Amount stranding Stranding wire arrangement Cable weigth	cURus         1         3 wires twisted         black 1, black 2, green-yellow         55,33 g/m
Tolerance outer diameter (sheath)± 5 %Material inner jacketPVCMaterial wire insulationPVCAmount wires3Outer diameter insulation1,8 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D	Amount stranding Stranding wire arrangement Cable weigth Material jacket	cURus 1 3 wires twisted black 1, black 2, green-yellow 55,33 g/m PUR
Material inner jacket       PVC         Material wire insulation       PVC         Amount wires       3         Outer diameter insulation       1,8 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       43 ± 5 Shore D	Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)	cURus         1         3 wires twisted         black 1, black 2, green-yellow         55,33 g/m         PUR         85 ± 5 Shore A
Material wire insulation     PVC       Amount wires     3       Outer diameter insulation     1,8 mm       Outer diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     43 ± 5 Shore D	Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)	cURus         1         3 wires twisted         black 1, black 2, green-yellow         55,33 g/m         PUR         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         5,9 mm
Amount wires3Outer diameter insulation1,8 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore D	Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)	cURus         1         3 wires twisted         black 1, black 2, green-yellow         55,33 g/m         PUR         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         5,9 mm         ± 5 %
Outer diameter insulation     1,8 mm       Outer diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     43 ± 5 Shore D	Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material inner jacket	cURus         1         3 wires twisted         black 1, black 2, green-yellow         55,33 g/m         PUR         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         5,9 mm         ± 5 %         PVC
Outer diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     43 ± 5 Shore D	Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material inner jacket	cURus         1         3 wires twisted         black 1, black 2, green-yellow         55,33 g/m         PUR         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         5,9 mm         ± 5 %         PVC
Shore hardness wire insulation     43 ± 5 Shore D	Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material inner jacket         Material wire insulation	cURus         1         3 wires twisted         black 1, black 2, green-yellow         55,33 g/m         PUR         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         5,9 mm         ± 5 %         PVC         PVC         PVC
	Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material inner jacket         Material wire insulation         Amount wires	cURus         1         3 wires twisted         black 1, black 2, green-yellow         55,33 g/m         PUR         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         5,9 mm         ± 5 %         PVC         PVC         3         1,8 mm
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material inner jacket         Material wire insulation         Amount wires         Outer diameter insulation	cURus         1         3 wires twisted         black 1, black 2, green-yellow         55,33 g/m         PUR         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         5,9 mm         ± 5 %         PVC         PVC         3         1,8 mm
	Amount stranding         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material inner jacket         Material wire insulation         Amount wires         Outer diameter tolerance core insulation         Shore hardness wire insulation	cURus         1         3 wires twisted         black 1, black 2, green-yellow         55,33 g/m         PUR         85 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         5,9 mm         ± 5 %         PVC         9VC         9VC         3         1,8 mm         ± 5 %         43 ± 5 Shore D

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: 2024-05-18

Murrelektronik bv | Noorderlaan 147-b9 | B-2030 Antwerpen | Fon +32 (0)380 868 81 | Fax | shop@murrelektronik.be | shop.murrelektronik.be



Amount strands (wire)	42
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,75 mm²
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 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	0° C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	00 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Travel speed (C-track)	3,3 m/s

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: 2024-05-18

Murrelektronik bv | Noorderlaan 147-b9 | B-2030 Antwerpen | Fon +32 (0)380 868 81 | Fax | shop@murrelektronik.be | shop.murrelektronik.be