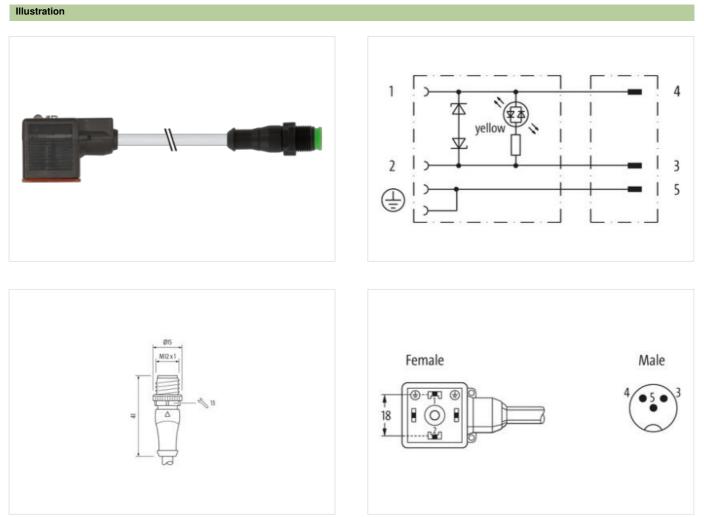


## M12 male 0° Lite / MSUD valve plug A-18mm

PUR 3x0.75 gy UL/CSA 0.3m

Form A (18 mm) – M12, male straight 3-pole 24 V AC ±20% / DC ±25% LED and suppression Bridged PE 7005 - plastic hexagonal screw (M12 Lite) 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: 2024-05-20 Murrelektronik ApS | Alexander Foss Gade 13, 1. | 9000 Aalborg | Fon +45 96 35 06 06 | Fax | shop@murrelektronik.dk | shop.murrelektronik.dk





Product may differ from Image



Cable length	0,3 m
Side 1	
Tightening torque	0,4 Nm
Family construction form	M12
Thread	M3
suitable for corrugated tube (internal Ø)	10 mm
Material	PBT
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP67
Side 2	
Tightening torque	0,6 Nm
Thread	M12 x 1
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	4048879613248
Packaging unit	1
Electrical data	
Capacity CX	20 ms
Electrical data   Supply	
Operating voltage AC	24 V
Operating voltage AC min.	19,2 V
Operating voltage AC max.	28,8 V

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



Operating voltage DC min.         19 V           Operating voltage DC max.         30 V           Card of pack voltage max.         55 V           Current consumption max.         15 mA           Depending per context max.         14 A           Current consumption max.         15 mA           Descretion (Decision)         voltage max.           Addition contain protection (decision)         15 mA           Decision contain protection (decision)         3           Addition protection (Decision)         1           Mechanical data Surp voltage         3           Addition protection (Decision)         1           Mechanical data         0.8 kV           Material goup (DE 60684-1)         1           Mechanical data         0.8 kV           Material goup (DE 60684-1)         1           Mechanical data         9.0 kV           Material goup (DE 60684-1)         1           Mechanical data         9.0 kV           Material goup (DE 60684-1)         1           Mechanical data         9.0 kV           Material goue (DE 60684-1)         9.0 kV           Material goue (De 60684-1)         9.0 kV           Departing temportation min.         25 °C           Oparating tem	Operating voltage DC	24 V
Operating vortage DC max.         30 V           Cat of peak voltage max.         55 V           Current operating per contact max.         15 mA           Descreption frax.         16 mA           Material gaset         3.           Material gaset         Silicon           Material gaset         Silicon           Material gaset         Silicon           Doparating temporature max.         85 °C           Oparating temporature max.         85 °C           Oparating temporature max.         85 °C           Doparating temporature max.         85 °C           Doparating temporature max.         85 °C           Additional condetin temetalur		
Carlot operating per contact max.       65 V         Current operating per contact max.       15 mA         Diagnostice       Status indication LED         Status indication LED       yellow         Device protection   Electrical       Ismarted, screwed         Additional condition protection degree       Inserted, screwed         Pollution Degree       3         Naterial sing outlogs       0,8 ×V         Material grape vitage       0,8 ×V         Material grape       0,8 ×V         Material graped       Siccon         Material graped       Siccon         Material graped       Siccon         Material graped       PUR         Covir nousing       Paalc         Material graped       Operating temperature max.         Additional condition temperature max.       25 °C         Operating temperature max.       25 °C         Operating in protection class can be ontidigated by excesses to brading forcab.         Note on bending		
Current consumption max.         15 mA           Current consumption max.         15 mA           Device protection   Electrical         Velow           Device protection   Electrical         Velow           Device protection   Electrical         Velow           Device protection   Electrical         Satisfier of constraints           Additional condition protection degree         3           Rated surge voltage         0.8 kV           Mechanical datal [Material data         Color housing           Device protection   Electrical         Satisfier           Metherial goals   Electrical         Satisfier           Metherial goals         Back           Material housing         Plastic           Metherial processing         Plastic           Doparating temperature min.         25 °C           Operating temperature min.         25 °C           Operating temperature max.         85 °C           Additional condition tomperature max.         85 °C           Additional condition tomperature max.         Be °C           Device the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on strain relief         Portect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Datadi donalization<		
Current consumption max.         15 mA           Disposities         Values           Extraits indication LED         yellow           Device protection   Electrical         Issarted, screwed           Pollution Dopon         3           Rated surge values         0.8 kV           Material graps values         0.8 kV           Material pousing         Back           Material pousing         PLR           Color housing         PLR           Departing temperature max.         85 °C           Opperating 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 heles.           Note on strain relief         Portect the particular by accessive tange material when laying cables, as the IP protection class can be contanged by accessive to moling toros.           Installetion (Cable         Cable Type         2           Cable Tops         2         2		
Disponition         performance           Status indication LED         yellow           Device protection   Electricat         isserted, screwed           Following protection protectin degree         3           Rated aurge voltage         0.8 kV           Material group [Ele D6664+1]         1           December 1010000000000000000000000000000000000		
Status indication LED         yellow           Devices protection   Electrical         Inserted, screwed           Additional condition protection degree         3           Rated surge voltage         0.8 kV           Material group (EG 6064+1)         1           Material data   Material data         Screwed           Color housing         black           Material group (EG 6064+1)         1           Material group (EG 6064+1)         1           Color housing         black           Material group (EG 6064+1)         1           Color housing         Black           Material group (EG 6064+1)         1           Color housing         PUR           Devicting temperture man.         45° C           Operating temperture man.         45° C           Operating temperture man.         45° C           Note on sharing radius         Attention: Cheserve the permisselibe bording radii when laying cables, as the IP prote	· .	
Device protection   Electrical           Addition condition protection degree         inserted, screwed           Pollution Degree         3           Rated auge voltage         0.8 kV           Material group (EC 6064-1)         1           Material group (EC 6064-1)         1           Material post, EC 6064-1)         1           Carking material         PA           Externometal charsteristics [Climatic         Climatic           Operating temperature main.         45 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Xatic quality qu	-	
Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge vortage         0.8 VV           Material group (EC 60664-1)         1 <b>Mechanical data [Merical data</b> Color housing           Delational group (EC 60664-1)         1 <b>Mechanical data [Merical data</b> Silicon           Material group (EC 60664-1)         PA <b>Material packet</b> Silicon           Material packet         PA <b>Environmental characteristics [Climatic</b> Operating temperature min.           Operating temperature min.         -25 °C           Cable distingtion temperature may.         85 °C           Additional condition temperature may.         85 °C           Additional condition temperature may.         45 °C           Additional condition temperature may.         45 °C           Cable distillation notes		yellow
Pallution Degree     3       Rated surge voltage     0.8 kV       Material group (165 0664-1)     1       Mechanical data   Material data     Environmental data       Color housing     black       Material jacket     Silicon       Material jacket     PUR       Locking material     PA       Environmental characteristics   Climatic     Coperating importative max.       Operating importative min.     -25 °C       Operating interparature min.     -25 °C       Operating interparature min.     -25 °C       Operating interparature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notos     Note on strain relief       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tise.       Note on bunding radue     Attention: Observe the parmissible bending radii when laying cables, as the IP protection class can be endargered by excessive bending forces.       Insistlation     226       Cable identification     226       Cable identification     226       Cable identification     1       Stranding     3 wires twiated       Wire arrangement     black 1, black 2, green-yellow       Cable weight     55,33 grm       Material gacket     PUR<	Device protection   Electrical	
Rate surge voltage         0,8 kV           Material group (ICC 5064-1)         I           Mechanical data   Material data         Silicon           Color housing         black           Material group (ICC 5064-1)         Filicon           Material group (ICC 5064-1)         Plastic           Material group (ICC 5064-1)         Plastic           Material group (ICC 5064)         PUR           Locking material         PA           Environmental characteristics ( Climatic         Operating temporature max.           Operating temporature max.         85 °C           Addition condition temperature max.         85 °C           Addition condition temperature max.         85 °C           Addition condition temperature max.         85 °C           Note on brending radius         Attention: Observo the permissible banding radii when laying cables, as the IP protection class can be enderative range of cable tises.           Installation ( Cable         Cable Type           Cable Type         2           Jacket Color         gray           Type of Certificate         cURus           Amount standing         1           Stranding         3 wires twisted           wire arrangement         black 1, black 2, green-yellow           Cable weigh <td>Additional condition protection degree</td> <td>inserted, screwed</td>	Additional condition protection degree	inserted, screwed
Material group (IEC 60684-1)         I           Mechanical data [Material data         Color housing         black           Material gastel         Silicon         Material gastel         Silicon           Material pastel         Pulsalic         Material gastel         Pulsalic           Material gastel         PUR         Color housing         Pastel           Environmental characteristics [Climatic         PUR         Color housing         Generating remarkature main.           Operating temperature main.         -25 °C         Coperating remarkature main.         Generating remarkature main.         Color housing         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 stain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on stain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on stain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on stain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on stain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cabl	Pollution Degree	3
International data (Material data           Color housing         black           Material pasket         Silicon           Material pasket         Silicon           Material pasket         PUB           Locking material         PVB           Locking material         PA           Environmental characteristics (Climatic         Color and pasket           Operating temperature max.         85 °C           Additional condition temperature max.         85 °C           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on bending radus         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be origing radii when laying cables, as the IP protection class can be origing radii when laying cables, as the IP protection class can be cable tips.           Type of Cortificate         cURus           Amount strainding         1           Strainding         3 wives twisted           wire arrangement         black 1, black 2, green-yellow           Cable weight         55.33 grm           Tolerancre o	Rated surge voltage	0,8 kV
Color housing         black           Material gaskel         Silicon           Material gaskel         Plastic           Material jacket         PUR           Locking material         PA           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 lies.           Note on banding radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by accessive bending torics.           Installation Cable         Cable identification         226           Cable identification         226         Cable identification         226           Cable identification         226         Cable identification         236           Type of Cafficate         culfus         Culfus         Culfus           Amount stranding         1         Stranding         3 wires twisted           Wire arrangement         black 1, black 2, green-yellow         Cable weight         55.33 g/m           Tolerance outer diameter (lawelt)         5.9 m         Stranding         3	Material group (IEC 60664-1)	I
Material gasket         Silicon           Material housing         Plastic           Material housing         Plastic           Locking material         PA           Environmental characteristics   Climatic         Operating temperature min.           Operating temperature min.         -25 °C           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 bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending faces.           Installation / Cable         Cable identification           Cable identification         226           Cable identification         226           Cable identification         23           Type of Cafflicate         cuRus           Amount stranding         1           Stranding         3 wires twisted           Wrie arrangement         black 1, black 2, green-yellow           Cable weight         55.33 g/m           Material jacket         PUR           Shore hard	Mechanical data   Material data	
Material housing         Plastic           Material jacket         PUR           Locking material         PA           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Material packet           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Installation   Cable         Z26           Cable of dentification         226           Cable (dentification         226           Cable Type         2           Jacket Color         gray           Type of Certificate         oURus           Amount stranding         1           Stranding         3 wires twisted           wire arrangement         black 1, black 2, green-yellow           Cable weight         55.33 g/m           Material inner jacket         PUR           Shore hardness jacket         85 ± 5 Shore A           Freedom from ingredientis (jacket)         lead free, cadmum-free, CFC-free, halogen-free           Outer diameter (splakit)         ± 5 %	Color housing	black
Material jacket         PUR           Locking material         PA           Environmental characteristics   Climatic         Coperating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Mole 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         Cable (destification         226           Cable (destification         226         Cable (destification)         24           Type of Certificate         cURus         Amount strainding         1           Stranding         3 wires twisted         Sing m         Material jacket         PUR           Shore hardness jacket         PUR         Sing m         Sing m         Sing material inner jacket         PUR           Material inner jacket         PUR         Sing m         Sing m         Sing m         Sing m           Material inner jacket         PUR         Sing m         Sing m         Sing m         Sing m         Sing m	Material gasket	Silicon
Locking material         PA           Environmental characteristics   Climatic         Operating temperature min.         -25 °C           Operating temperature max.         85 °C         Additional condition temperature max.         85 °C           Additional condition temperature max.         85 °C         Additional condition temperature max.         85 °C           Note on strain relief         Protect the connectors by suitable 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   Cable         Cable identification         226           Cable identification         226         Cable Type           Cable Type         2         Jacket Color         gray           Type of Certificate         cURus         Amount stranding         1           Stranding         3 wires twisted         Stranding         1           Stranding         3 wires twisted         Stranding         Stranding         Stranding           Outer diameter (acket)         PUR         Shore hardness jacket         PUR         Shore hardness jacket         PUR           Shore Indoms (acket)         Is 5 %         Shore         Shore         Shore         Shore         Shore	Material housing	Plastic
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 stain relief           Note on stain 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         Cable identification         226           Cable Identification         226         Cable Identification         226           Cable Identificate         CURus         Amount stranding         1           Stranding         3 wires twisted         wire arrangement         black 1, black 2, green-yellow           Cable weigh         55,33 g/m         Material jacket         PUR           Shore hardness jacket         PUR         Shore A         Freedom from ingredients (jacket)         Iead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         5,9 mm         Tolerance outer dameter (sheath)         ± 5 %           Material wise insulation         PVC         Addiumeter (sheath)		PUR
Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature max.         85 °C           Additional condition temperature max.         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 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         Z26           Cable forpe         2           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         3 wires twisted           vire arrangement         black 1, black 2, green-yellow           Cable weigth         55.33 g/m           Material inscript         5.9 mm           Tolerances jacket         85 ± 5 Shore A           Freedom from ingredients (jacket)         5.9 mm           Tolerance outer diameter (sheath)         ± 5 %           Material inver insulation         PVC           Material inver insulation         1,8 mm           Outer diameter (loacket)         5 %           Shore har		PA
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.           Installation   Cable         Cable identification         226           Cable identification         226         Cable Type         2           Jacket Color         gray         gray         Type of Certificate         cURus           Amount stranding         1         Stranding         1           Stranding         3 wires twisted         Strading         Stas / Strading           Material jacket         PUR         Store Arfmess jacket         B5 ± 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 inner jacket         PVC         Material inner jacket         Shore Arfmeter insulation         1.8 mm           Outer diameter insulation         1.8 mm         Outer diameter insulation         1.8 m	Environmental characteristics   Climatic	
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.           Installation   Cable         Cable identification         226           Cable identification         226         Cable Type         2           Jacket Color         gray         gray         Type of Certificate         cURus           Amount stranding         1         Stranding         1           Stranding         3 wires twisted         Strading         Stas / Strading           Material jacket         PUR         Store Arfmess jacket         B5 ± 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 inner jacket         PVC         Material inner jacket         Shore Arfmeter insulation         1.8 mm           Outer diameter insulation         1.8 mm         Outer diameter insulation         1.8 m	Operating temperature min.	-25 °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.           Installation   Cable         Cable identification         226           Cable identification         226         Cable identification         226           Cable Identification         226         Cable identification         226           Amount stranding         1         Stranding         1         Stranding         1           Stranding         3 wires twisted         Wire arrangement         black 1, black 2, green-yellow         Cable weighth         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           Tolearace out cadiameter (sheath)         ± 5 %         Material inner jacket         PVC           Material inner jacket         PVC         Material inner jacket         PVC           Amount wires         3         Outer diameter (sheath)         ± 5 %           Shore hard		
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         Cable identification         226           Cable Identification         226         Cable Identification         214           Type Of Certificate         cURus         Cable Identification         214           Amount stranding         1         Stranding         Stranding         1           Stranding         3 wires twisted         Wire arrangement         black 1, black 2, green-yellow         Cable weight         55.33 g/m           Material jacket         PUR         Shore hardness jacket         85 ± 5 Shore A         Stranding         1           Tolerace outler diameter (jacket)         1.9 mm         Colerace         Colerace         Colerace         Colerace         Colerace         Colerace         Colerace         Colerace         Colerace         Stranding         5.9 mm         Colerace         Colerace         Colerace         Colerace         Colerace         Colerace         Colerace         Colerace         Colerace         Store hardness		
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         Z28           Cable identification         228           Jacket Color         gray           Type of Certificate         CURus           Amount stranding         1           Strangement         black 1, black 2, green-yellow           Gable 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 (schett)         5.9 mm           Tolerance outer diameter (scheatt)         ± 5 %           Material inner jacket         PVC           Amount wires         3           Outer diameter insulation         43 ± 5 Shore D           Ingredient freeness wire insulation         43 ± 5 Shore D           Ingredient freeness wire insulation         42           Diameter to single wires         0,15 mm           Couter diameter insulation         42 <td>· ·</td> <td></td>	· ·	
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           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 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 wire insulation         PVC           Amount wires         3           Outer diameter insulation         1,8 mm           Outer diameter insulation         43 ± 5 Shore D           Ingredient freeness wire insulation         43 ± 5 Shore D           Ingredient freeness wire insulation         42           Diameter of single wires         0,15 mm           Conductor crossection (	•	
Installation   Cable         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 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         Amount wires       3         Outer diameter tolerance core insulation       1,8 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       4 3 ± 5 Shore D         Ingredient freeness wire insulation       kad-free, cadmium-free, CFC-free, silicone-free         Outer diameter tolerance core insulation       4 3 ± 5 Shore D         Ingredient freeness wire insulation       kad-free, cadmium-free, CFC-free, silicone-free         Amount strands (wire)       0,15 mm         Conductor crosssectio	Note on strain relief	
Cable identification226Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arangementblack 1, black 2, green-yellowCable weigth55,33 g/mMaterial jacketPURShore hardness jacket85 $\pm$ 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath) $\pm$ 5 %Material inner jacketPVCAmount wires3Outer diameter tolerance core insulation1,8 mmOuter diameter tolerance core insulation $\pm$ 5 % or CShore hardness wire insulation $43 \pm$ 5 Shore DIngredient freeness wire insulation $42 \pm$ Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²	Note on bending radius	
Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth55,33 g/mMaterial jacketPURShore hardness jacket85 $\pm$ 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath) $\pm$ 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation $\pm$ 5 %Shore hardness wire insulation $\pm$ 5 %Couter diameter tolerance core insulation $\pm$ 5 %Material trees wire insulation $\pm$ 5 %Couter diameter tolerance core insulation $\pm$ 5 %Duter diameter tolerance core insulation $\pm$ 5 %Ingredient freeness wire insulation $\pm$	Installation   Cable	
Jacket 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) $\pm 5 %$ Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation $\pm 5 %$ Shore hardness wire insulation43 ± 5 Shore DIngredient freeness wire insulation43 ± 5 Shore DIngredient freeness wire insulation42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²	Cable identification	226
Type of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth $55,33 g/m$ Material jacketPURShore hardness jacket $85 \pm 5$ Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket) $5,9 mm$ Tolerance outer diameter (sheath) $\pm 5 \%$ Material wire insulationPVCAmount wires $3$ Outer diameter tolerance core insulation $\pm 5 \%$ Shore hardness wire insulation $43 \pm 5$ Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire) $42$ Diameter of single wires $0,15 mm^2$	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 wire insulationPVCAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)42Diameter of single wires0,15 mm	Jacket Color	gray
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 inner jacketPVCAmount wires3Outer diameter tolerance core insulation1,8 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)42Diameter of single wires0,15 mm²	Type of Certificate	cURus
wire arangementblack 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 insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²	Amount stranding	1
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 tolerance core insulation1,8 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²	Stranding	3 wires twisted
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 DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²	wire arrangement	black 1, black 2, green-yellow
Shore 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 insulation± 5 %Shore hardness wire insulation1,8 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²	Cable weigth	55,33 g/m
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 DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²	Material jacket	PUR
Outer-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 DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²	Shore hardness jacket	85 ± 5 Shore A
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 DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material inner jacketPVCMaterial wire insulationPVCAmount wires3Outer diameter insulation1,8 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²	Outer-diameter (jacket)	5,9 mm
Material wire insulationPVCAmount wires3Outer diameter insulation1,8 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²	Tolerance outer diameter (sheath)	± 5 %
Amount wires3Outer diameter insulation1,8 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²	Material inner jacket	PVC
Outer diameter insulation1,8 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²	Material wire insulation	PVC
Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       43 ± 5 Shore D         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, silicone-free         Amount strands (wire)       42         Diameter of single wires       0,15 mm         Conductor crosssection (wire)       0,75 mm <sup>2</sup>	Amount wires	3
Shore hardness wire insulation       43 ± 5 Shore D         Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, silicone-free         Amount strands (wire)       42         Diameter of single wires       0,15 mm         Conductor crosssection (wire)       0,75 mm <sup>2</sup>	Outer diameter insulation	1,8 mm
Ingredient freeness wire insulation       lead-free, cadmium-free, CFC-free, silicone-free         Amount strands (wire)       42         Diameter of single wires       0,15 mm         Conductor crosssection (wire)       0,75 mm²	Outer diameter tolerance core insulation	± 5 %
Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²	Shore hardness wire insulation	43 ± 5 Shore D
Diameter of single wires     0,15 mm       Conductor crosssection (wire)     0,75 mm²	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Conductor crosssection (wire) 0,75 mm <sup>2</sup>	Amount strands (wire)	42
	Diameter of single wires	0,15 mm
Material conductor wire Stranded conner wire hare	Conductor crosssection (wire)	0,75 mm <sup>2</sup>
	Material conductor wire	Stranded copper wire, bare

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: 2024-05-20

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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)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °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
Travel speed (C-track)	2 Mio. @ 25 °C

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