

M12 male 0° A-cod. / MSUD valve plug C-8mm

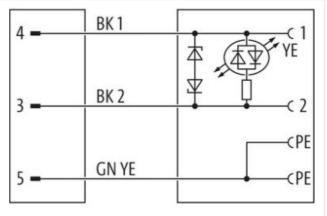
PUR 3x0.75 bk UL/CSA+drag ch. 0.6m

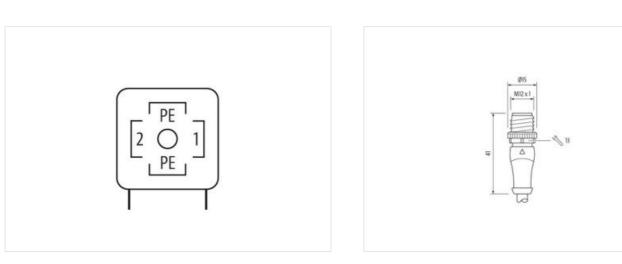
Form C (8 mm) – M12, male straight 24 V AC ±20% / DC ±25% LED and suppression Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

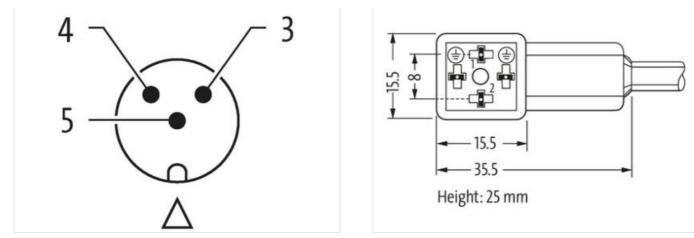












Product may differ from Image



Cable length	0,6 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP67
Side 2	
Tightening torque	0,4 Nm
Family construction form	MSUD C
Thread	M2.5
No. of poles	4
Degree of protection (EN IEC 60529)	IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060312
ECLASS-10.1	27060312
ECLASS-11.1	27060312
ECLASS-12.0	27060312
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879145671
Packaging unit	1
Electrical data	
Capacity CX	20 ms

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: 2024-05-03

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



Electrical data | Supply

Current operating per contact max. 4 A Diagnostics Status indication LED yellow Device protection [Electrical Status indication LED yellow Additional condition protection degree inserted, screwed Pollution Degree 3 Rated aurge voltage 0,8 kV Additional suppressor 2.Diode Metrial group (IEC 60664-1) 1 Additional suppressor 2.Diode Metrial group (IEC 60664-1) 1 Additional suppressor 2.Diode Metrial forcup (IEC 60664-1) 1 Additional suppressor 2.Diode Metrial forcup (IEC 60664-1) 1 Additional suppressor 2.Diode Metrial foldsing Nickeled Color housing Diack Color housing Diack Material housing Plastic Locking method inserted, screwed Mounting method Inserted, screwed Popratign temperature main. 425 °C Operating temperature main. 425 °C Operating temperature max. 85 °C Additional condition temperature max. 85 °C Additonal condition temperature max.	Electrical data Supply	
Operating voltage AC max. 28.8 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V Concret operating per contact max. 4 A Degenating voltage DC min. 18 V Status indication LED yellow Device protection [Electricat Additional condition protection degree Additional condition protection degree 3 Rater suge voltage 0.8 V Material argon (Electricat) Additional condition protection degree Additional condition protection degree 3 Rater suge voltage 0.8 V Material argon (Electricat) Inscritud, sorewed Additional dogree 2-Done Material argon (Electricat) Inscritud, sorewed Material argon (Electricat) Inscritud, sorewed Operating toppacture min. 26 to Operating toppacture max. 85 °C Additional condition tarropeature max. 85 °C Contromity	Operating voltage AC	24 V
Operating voltage DC 24 V Operating voltage DC max. 30 V Gui off pack voltage nax. 55 V Current operating voltage per contact max. 4 A Degressite Status indication LED yellow Device protection [lectricital Provide protection (lectricital Provide protection (lectricital Additional condition protection degree inserted, sorewed Provide protection (lectricital Read surge voltage DC (lectricital Provide protection (lectricital Provide protection (lectricital Maderial protection degree 3 Read surge voltage DC (lectricital Provide protection (lectricital Maderial protection degree 0.8 k/V Maderial protection (lectricital Provide protection (lectricital Maderial notating Data's Protection (lectricital Provide protection (lectricital Maderial notating Data's Provide protection (lectricital Provide protection (lectricital Mouning method inserted, soreweld Provide protection (lectricital Provide protection (lectricital Mouning method inserted, soreweld Provide protection (lectricital Provide protection (lectricital	Operating voltage AC min.	19,2 V
Operating voltage DC min. 18 Y Operating voltage DC max. 30 V Cuirent operating per contact max. 4 A Diagnostics Staus indication LED yellow Device protection Electrical Inserted, screwed Pertain grow (DC PART) Additional condition protection dugree inserted, screwed Pertain Grow (DC PART) Additional condition protection dugree 0.8 kV Material group (DC PART) Additional suppressor 2.Diodo Material group (DC PART) Additional suppressor 2.Diodo Material group (DC PART) Colarlo Acking Material group (DC PART) Material group (DC PART) Additional duftal (Material dus) Discle Color Acking Colarlo Acking Material Society (DC PART) Material Acking (DC PART) Material Powering Partial Tree discustry Colarlo Acking Material Powering Material Powering Colarlo Acking Tree discustry Material Powering Material Powering Partial Colarlo Acking Partial Colarlo Acking Material Powering Interparture max. 85 °C Colarchon Powe	Operating voltage AC max.	28,8 V
Operating voltage DC max. 90 V Cut-off peaks voltage max. 55 V Cut-off peaks voltage max. 4 A Diggostics Status indication LED Status indication LED yellow Device production [lectrical Additional condition protection degree Additional condition protection degree is sented, screwed Pollution Degree 3 Rand surge voltage 0.8 kV Material group (IEC 06064-1) 1 Additional surgers of IEC 06064-1) 1 Additional surgers of IEC 06064-1) 1 Control jointing Nack Control jointing Nack Material processor 2-Dode Material processor 2-Dode Mechanical data Material data Zendie -sasting Mechanical data Mouting data Zendie -sasting Mounting entroperative range depending tomprotective range Deparating tomprotecow range	Operating voltage DC	24 V
Cut-oft peak voltage max. 55 V Current operating per contact max. 4 A Designetits Status indication LED yellow Device protection Electrical Additional condition protection degree inserted, screwed Polluton Degree 3 3 Rated surge voltage 0.8 kV Medical group (EC 60664-1) Methal group (EC 60664-1) 1 Additional condition protection degree 2 Diode Mechanical data Material data Control observation Control booking Nickeled Control booking Paistic Control booking Paistic<	Operating voltage DC min.	18 V
Current operating per contact max. 4 A Dispositie Status indication LED yellow Device protection [Electrical inserted, screwed Additional condition protection degree inserted, screwed Pallution Degree 3 Rated aurge outlage 0.8 kV Material group (EC 60661-1) 1 Additional support (EC 60661-1) 1 Mounting methid The de-casting Methanical data (Material data Mounting methid Environmental characteristics Climatic Climatic Diperating tomperature max. 85 °C Operating tomperature max. 85 °C Additional temperature max.	Operating voltage DC max.	30 V
Dignostics State infoction LED State infoction LED yellow Device protection Electrical inserted, screwed Additional condition protectin degree inserted, screwed Pollution Degree 3 Rated group (FC 60664+1) I Additional suppressor 2-Diode Cating lockin (EC 6066+1) I Cating lockin (EC 6067+1) I Cating lochin (EC 6067+1)	Cut-off peak voltage max.	55 V
Status indication LED yellow Device protection Electrical inserted.screwed Additional condition protection degree 3 Rated surge voltage 0.8 kV Material group (IEG 60684-1) 1 Additional surge voltage 0.8 kV Material data [Material data] Voltage Color bousing Back Material bousing Pasita Operation group represerve Store doct strewed Operation group represerve max. 65 °C Additional condition represerve max. 65 °C Note on strain relief	Current operating per contact max.	4 A
Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0.8 kV Matarial group (EC 6064-1) 1 Additional suppressor 2 blode Mechanical data [Material al Material Austrial Material Publica [Material Publica] 2 blode Material publica [Material Publica] Batis Coding material Zine die-casting Mechanical data [Mounting data inserted, screwed Environmental characteristics [Olimatic inserted, screwed Mechanical data [Mounting data inserted, screwed Environmental characteristics [Olimatic inserted, screwed Operating temperature min. 25 °C Operating temperature max. 85 °C 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 ties. Material publica Intel (fortor 2: 101 (M12); Din EN 175301-803 (Valve Plug) EatisticaT Color 36 Cable fortification S6 Cable dantification Meterial black),	Diagnostics	
Additional condition protection degreeinserted, screwedPollution Degree3Patistari upro protection degree3Material group (EC 60664-1)IAdditional suppressorZ>DodeMechanical data Material dataColor housingMaterial group (EC 60664-1)NickeledColarin lockingNickeledColarin lockingNickeledColaring lockingPasicLocking materialColor housingMaterial housingPasicLocking materialColor housingMaterial housingPasicLocking materialColor housingMaterial housingPasicLocking materialColor housingMaterial housingPasicLocking materialColor housingMaterial housingPasicMaterial housingPasicLocking materialInserds, screwedMaterial pasicColor housingMaterial pasicSoftAdditional data Mounting dataSoftAdditional data locking locking engressonSoftAdditional data locking locking engressonSoftAdditional data locking engressonSoftAddition condition temperature rangeAppendition pasicible bonding radii when laying cables, as the IP protection class can be ending engressonProtoct the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.Attention:CoberContantSoft for	Status indication LED	yellow
Pailution Degree 3 Rated surge voltage 0.8 kV Rated surge voltage 0.8 kV Material group (ES 6064-1) 1 Additonal suppressor 2-Diode Machanical data Material data Coating locking Coating locking black Material housing Plastic Locking material Zinc die-casting Machanical data Mounting data Inserted, screwed Environmental characteristics [Climatic Operating temperature min. Operating temperature min. -25 °C Operating temperature max. 85 °C Additonal condition temperature range depending on cable quality Important installation notes Attention: Observe the permissible bending radii when laying cables, as the IP protection dass can be endangered by excessive bending forces. Contornity Environmental cable Product standard DIN EN 61076-2-101 (M12); DIN EN 175301-603 (Valve Plug) Installation (Cable Sa Color for wire insulation white (isolation black) Jacket Color black Diake Tubics (Color) black Din W	Device protection Electrical	
Rate surge vortage 0.8 kV Material group (EC 60664-1) I Additional suppressor Z Diode Mechanical data [Material data E Coating locking Nickeled Coating locking Diack Material husing Plastic Locking material Zinc die-casting Mechanical data [Mounting data Inserted, screwed Environmental characteristics [Climatic Cogen dip emperature max. Operating temperature max. 85 °C Operating temperature max. 85 °C Additional scondition temperature max. 85 °C Additional regenerature max. 85 °C Additional regenerature max. 85 °C Additional regenerature 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 strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Calcin true INEN 61076-2-101 (M12); DIN EN 175301-503 (Valve Plug) Instation Cable S9 Cable tinget G9E Calci	Additional condition protection degree	inserted, screwed
Material group (IEC 60864-1) I Ardinonal suppressor Z Diode Mechanical data Material data Nickeled Coting locking Nickeled Coting locking Plastic Locking methad Zin cile-casting Meterial housing Plastic Locking method inserted, screwed Environmental characteristics Climatic 25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Vironeetable excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii when laying cables, as the IP protection class can be endangered by excessive bending tof casc. Cotor	Pollution Degree	3
Additional suppressor Z. Diode Mechanical data Material data Costing locking Nickeled Color housing Black Material housing Plastic Locking material Zinc die-casing Mechanical 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 temporature range depending on cable quality Important Installation notes Important Installation temporature 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. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endargread by excessive bending forces. Colormity Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Additional conditions temporature and bit force-2-101 (M12); DIN EN 175301-803 (Valve Plug) Installation Cable Cable distriftication 636 Cable Type 3 Printing obtr of wire insultation black Jocket Color black Type of Certificate culRus Anount stranding 1	Rated surge voltage	0,8 kV
Mechanical data Material data Coaling locking Nickeled Color housing Black Matrial housing Pasite Locking material Zinc die-casting Mechanical data Mounting data Inserted, screwed Environmental characteristics Climatic Cooler housing Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature may. 65 °C Additional condition temperature may. 65 °C Additional condition temperature may. 65 °C Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tites. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tites. Contomity Environ: Cosersive bending forces. Contomity Environ: Cosersive bending forces. Cable identification 636 Cable identification Cable identification White (isolation black) Cable identification Cable identification Biack Sincen subatid Tip of Corificate </td <td>Material group (IEC 60664-1)</td> <td></td>	Material group (IEC 60664-1)	
Colaing lookingNickeledColor housingBackMaterial housingPlasticLocking matrialIno die-castingMethanical data Mounting datainserted, screwedFurvionmental characteristics ClimaticSo °COperating temperature min.85 °CAdditional condition temperature man.85 °CAdditional condition temperature man.69 °CAdditional condition temperature man.expending on cable qualityImportant installation notesVoltex temperature man.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.ContomityVoltex temperature man.Product standardJD NE N 61076-2101 (M12); DIN EN 175301-803 (Valve Plug)Cable identification636Cable identification636Cable identificationJUR SCAmount stranding1Yinting color of wire insulationJulesVisite insulationJulesYinting color of wire insulationJules 25 °C; IndrizontalCable identificationJules 1, Jules 2, green - yellowTraversing distance (Crack)10 °C ge 25 °C; IndrizontalCable wight63, 1 grmMaterial jacketPURStranding10 °C ge 25 °C; IndrizontalCable wight63, 1 grmMaterial jacketPURStranding10 °C ge 25 °C; IndrizontalCable wight63, 1 grmMaterial jacketPURStranding<	Additional suppressor	Z-Diode
Color housing black Material housing Plastic Adderial housing Plastic Locking material Zinc die-casting Mechanical data Mounting method inserted, screwed Environmental characteristics Climatic Color housing method 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. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Operating radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endiangered by excessive bending forces. Conformity Installation of Gabe Cable of the insulation 636 Cable of type 3 Printing color of wire insulation while (isolation black) Jacket Color black 1, black 2, green-yellow Type of Carititicate CUBus <	Mechanical data Material data	
Material housing Plastic Locking material Zinc die-casting Mechnical data Mounting data Inserted, screwed Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature min. -25 °C	Coating locking	Nickeled
Locking material Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed Environmental characteristics Climatic Operating temperature main. 25 °C Operating temperature main. 85 °C Additional condition temperature range depending on cable quality Important installation notes Mutention: 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. 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. 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 DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Valve Plug) Installation Cable Cable tide. Straining Gale Type Albe tidentification Gale	Color housing	black
Mechanical data Mounting data Mounting method inserted, screwed Environmental characteristics Climatic 25 °C Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Environmental characteristics / Climatic Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on 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. 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. Readering relief Note screensive bending forces. Product standard DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Valve Plug) Installation (Cable Cable vies instal devised </td <td>Material housing</td> <td>Plastic</td>	Material housing	Plastic
Mounting method inserted, screwed Environmental characteristics Climatic -25 °C Operating temperature max. 85 °C Additional condition temperature ranze depending on cable quality Important installation notes	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 Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Valve Plug) Installation Cable Cable forfice Cable fortige 3 Printing color of wire insulation white (isolation black) Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement black 1, black 2, green-yellow Traversing distance (C-track) 10 m @ 25 °C horizontal Cable weigth 56,1 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ing	Mechanical data Mounting data	
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. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Important Installation [Cable] Product standard DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Valve Plug) Installation [Cable] Since in the installation black Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement black 1, black 2, green-yellow Traversing distance (C-track) 10 m @ 25 °C horizontal Cable weigth 56,1 g/m Material jacket 9UR Shore hardness jacket 90 ± 5 Shore A Freedom fro	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 ties. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard Product standard DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Valve Plug) Installation Cable Cable identification Cable identification 636 Cable I Color black Type of Certificate cURus Anount stranding 1 Stranding 3 wires twisted wire arrangement black 1, black 2, green-yellow Traversing distance (C-track) 10 m @ 25 °C horizontal Cable weigth 56,1 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-tree, cadmium-free, CFC-free, halogen-free, silicone-f	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 endangered by excessive bending forces. Conformity Protect the force-2-101 (M12); DIN EN 175301-803 (Valve Plug) Installation Cable Cable toron 6-2-101 (M12); DIN EN 175301-803 (Valve Plug) Cable Type 3 Printing color of wire insulation 636 Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arragement black 1, black 2, green-yellow Traversing distance (C-track) 10 m @ 25 °C horizontal Cable weigth 5,1 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 5.9 mm Tolerance o	Operating temperature min.	-25 °C
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. Conformity Product standard DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Valve Plug) Installation Cable Cable identification 636 Cable identification 636 Cable role of wire insulation white (isolation black) Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement black 1, black 2, green-yellow Traversing distance (C-track) 10 m @ 25 °C horizontal Cable weigth 56.1 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 1ead/tree, cadmium-free, CFC-free, halogen-free Outer-diameter (jacket) 5.9 mm	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 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. Conformity Image: Conformity Product standard DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Valve Plug) Installation Cable Cable identification 636 Cable identification 636 Cable identification back Type of Cortificate cuPus Jacket Color black Type of Certificate cuPus Jacket 2, green-yellow Traversing distance (C-track) 10 m @ 25 °C horizontal Cable weigth 56,1 g/m Material jacket PUR Store A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-fire Store A	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. Conformity Image: Conformity Product standard DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Valve Plug) Installation Cable Cable identification 636 Cable identification 636 Cable identification 636 Cable or of wire insulation white (isolation black) Jacket Color black Type of Certificate cURus Currangement black 1, black 2, green-yellow Traversing distance (C-track) 10 m @ 25 °C horizontal Cable weigth 56,1 g/m Material jacket PUR Shore A Foredom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ± 5 %	Important installation notes	
Note on behalting radius endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Valve Plug) Installation Cable Cable identification 636 Cable identification 636 Cable of vire insulation white (isolation black) Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement black 1, black 2, green-yellow Traversing distance (C-track) 10 m @ 25 °C horizontal Cable weigth 56, 1 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ± 5 %	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standardDIN EN 61076-2-101 (M12); DIN EN 175301-803 (Valve Plug)Installation CableCable identification636Cable identification636Cable Type3Printing color of wire insulationwhite (isolation black)Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowTraversing distance (C-track)10 m @ 25 °C horizontalCable weigth56,1 g/mMaterial jacket9U ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mm	Note on bending radius	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 636 Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement black 1, black 2, green-yellow Traversing distance (C-track) 10 m @ 25 °C horizontal Cable weigth 56, 1 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ± 5 %	Conformity	
Cable identification636Cable Type3Printing color of wire insulationwhite (isolation black)Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowTraversing distance (C-track)10 m @ 25 °C horizontalCable weigth56,1 g/mMaterial jacket9U #Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %	Product standard	DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Valve Plug)
Cable identification636Cable Type3Printing color of wire insulationwhite (isolation black)Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowTraversing distance (C-track)10 m @ 25 °C horizontalCable weigth56,1 g/mMaterial jacket9U #Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %	Installation Cable	
Cable Type3Printing color of wire insulationwhite (isolation black)Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowTraversing distance (C-track)10 m @ 25 °C horizontalCable weigth56,1 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)6.9 mmTolerance outer diameter (sheath)± 5 %	· · · · · · · · · · · · · · · · · · ·	636
Printing color of wire insulationwhite (isolation black)Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowTraversing distance (C-track)10 m @ 25 °C horizontalCable weigth56,1 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %		
Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowTraversing distance (C-track)10 m @ 25 °C horizontalCable weigth56,1 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %		
Type of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowTraversing distance (C-track)10 m @ 25 °C horizontalCable weigth56,1 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %		
Amount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowTraversing distance (C-track)10 m @ 25 °C horizontalCable weigth56,1 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %		
Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowTraversing distance (C-track)10 m @ 25 °C horizontalCable weigth56,1 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %		
wire arrangementblack 1, black 2, green-yellowTraversing distance (C-track)10 m @ 25 °C horizontalCable weigth56,1 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %		
Traversing distance (C-track)10 m @ 25 °C horizontalCable weigth56,1 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %		
Cable weigth56,1 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %		
Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ± 5 %	Cable weigth	
Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ± 5 %	-	_
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 %		
Outer-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %		
Tolerance outer diameter (sheath) ± 5 %		
	. ,	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-03

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



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

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-03

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