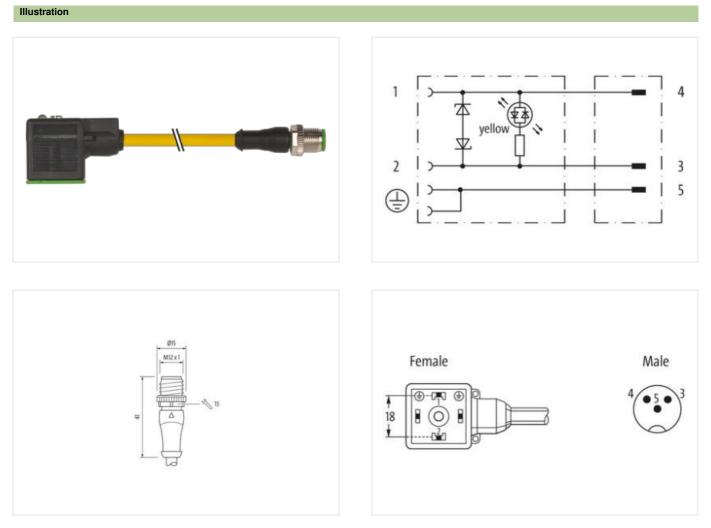


## M12 male 0° A-cod. / MSUD valve plug A-18mm

PUR 3x0.75 ye UL/CSA 1.5m

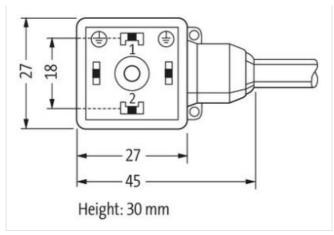
Form A (18 mm) – M12, male straight 24 V AC ±20% / DC ±25% LED and suppression Bridged PE A-coded Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details 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: 2024-05-20





Product may differ from Image



Cable length	1,5 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	4048879152921
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

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Cancer of pressProceedingsOperating visitage DD max.18 VOperating visitage DD max.56 VCorret orservisitor max.16 nADescriptor orset max.16 nAMaterial constriptor present max.16 nAMaterial constriptor present max.16 nAMaterial support (EC 6064 1)1Descriptor orset max.16 nAMaterial support (EC 6064 1)16 NAMaterial support (EC 6064 1)17 NAMaterial support (EC 6064 1) <th>Operating voltage DC</th> <th>24 V</th>	Operating voltage DC	24 V
Operating vortage DC max.     50 V       Out off prack voltage max.     55 V       Current oportaging vortaket max.     15 mA       Diagnostics     Status indication LED       Status indication LED     yellow       Device protection protection operation max.     15 mA       Device protection protection effectical     Additional controlling protection operation operation max.       Additional controlling protection operation oper		
Out-off peak voltage max. 56 V   Current operating per contact max. 15 mA   Diagnotise Universe operating per contact max.   Status indication LED yellow   Device protection   Electrical Inserted, screwed   Additional contilion protector degree inserted, screwed   Pultion Degree 3   Rated support (EC 6064-1) 1   Mechanical dial   Metrial dats Code thousing   Code thousing Nokeled   Code thousing PuR   Material pasks PUR   Methanical datal Mouning data The discustry   Mouning method Inserted, screwed   Environmental characteristics   Claratic Claratic   Operating temperature max. 85 °C   Additional condition temperature may 85 °C   Additional condition temperature may 85 °C   Code thousing temperature may		
Current consumption max.     15 mA       Diagnostics     Status       Status indication LED     yellow       Device protection   Electrical     Addimail condition protection degree       Addimail condition protection degree     3       Rates surge voltage     0,8 kV       Material group (IEC 60664-1)     1       Mechanical data     Mechanical data       Colling tooking     Nickeled       Colling tooking     Nickeled       Colling tooking     Nickeled       Colling tooking     PluR       Material group (IEC 60664-1)     In device of tooking       Material group (IEC 60664-1)     In device of tooking       Color housing     Black       Material group (IEC 60664-1)     In device of tooking       Material group (IEC 60664-1)     In device of tooking       Material group (IEC 60664-1)     In device of tooking       Material provide (IEC 60664-1)     In device of tooking       Material provide (IEC 60664-1)     In device of tooking       Material provide (IEC 60664-1)     In device of tooking       Material group (IEC 60664-1)     In device of tooking       Material		
Current consumption max.     15 mA       Diagnostics     yellow       Device protection   Electrical		
Disponetics     Service protection (Exectival)       Divice protection (Exectival)     inserted, screwed       Polition Devices     3       Readissing voltage     3.8.V       Readissing voltage     3.8.V       Readissing voltage     3.8.V       Readissing voltage     0.8.V       Cataling locking     Nekeled       Cataling locking     Nekeled       Cataling locking     Pasia       Material group (EC 60694-1)     1       Retainal group (EC 60694-1)     1       Material group (EC 60694-1)     1       Retainal group (EC 60694-1)     1       Material group (EC 60694-1)     2 </td <td></td> <td></td>		
Stab. Indication LED     yellow       Device protection   Electrical	·	
Device protection   Electrical     inserted, screwed       Additional condition protection degree     3       Reafet surge voltage     0.8 kV       Material group (EC 6006-1)     1       Mechanical data     Mechanical data       Color housing     black       Material group (EC 6006-1)     1       Mechanical data     Mechanical data       Color housing     black       Material protection (Ed 6006-1)     2       Mechanical data     Mechanical data       Mechanical data     Mechanical data       Mechanical data     Mechanical data       Mounting method     inserted, screwed       Environmental characteristics   Climatic     Climatic       Operating tomperature min.     25 °C       Operating tomperature min.     25		
Additional condition protection degree     is rearted, screwed     Poliution Degree     is Read Surge voltage     08 V V     Read Surge voltage     is Read	Status indication LED	yellow
Polluion Degree     3       Rated surge voltage     0.8 kV       Material group (05 6064-1)     1       Mechanical data   Material data     Coating locking     Nokeled       Coating locking     Nokeled     Coating locking     Dask k       Material gasket     PUR     Material locking     Plastic       Coding number     Plastic     Coding number     Material locking       Material positing     Plastic     Coding number     Material locking       Mounting method     inserted, screwed     Environmental characteristics   Cimatic       Operating temperature max.     85 °C     Coding number     Coding number       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lises.       Note on bending radius     Attention: Observe the permissible bending radii when sying cables, as the IP protection class can be endingered by accessive bending radii when sying cables, as the IP protection class can be endingered by accessive bending radii when sying cables, as the IP protection class can be endingered by accessive bending radii when sying cables, as the IP protection class can be endingered by accessive bending radii when sying cables, as the IP protection class can be endingered by accessive bending radii when sying cables, as the IP protection class can be endingered by accessive bending radii when sying	Device protection   Electrical	
Rate surg voltage     0.8 kV       Material group (EC 6064-1)     I       Mechanical data [Material data     Cathg locking       Color housing     Nickeled       Color housing     PUR       Material pasket     PUR       Material posing     Plaskic       Locking material     Zine die-casting       Mechanical data [Mounting data     Inserted, sorewed       Environmental characteristics [ Climatic     Color housing       Operating temperature min.     -25 °C       Oparating temperature max.     85 °C       Addition al condition temperature ange     depending on cable quality       Important installation notes     So °C       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Note on strain relief     Protect the permissible bending radii when laying cables, as the IP protecton class can be endangered by excessive bending forces.       Installation (Color     Velow       View arrangement     black 1, black 2, green yellow       Cable Type     2       Printing color divise insulation     white fisolation black)       Jacket Color     yellow	Additional condition protection degree	inserted, screwed
Material group (EC 68964.1)     T       Mechanical data   Material data     Vocating locking     Nickladd       Coaling locking     Black     Material association     Dialoc       Material pasket     PUR     Material pasket     PUR       Material housing     Prasic     Cooling material     Zine Glace-casting       Mechanical data   Mounting data     Incerde-casting     Material housing     Prasic       Cooling method     Inserted, screwed     Environmental characteristics   Climatic     Coperating temperature min.     -25 °C       Operating temperature max.     85 °C     Additional condition temperature range     depending on cable quality       Important installation notes     Material housing on cable quality     Important installation notes     Material housing radius     Additional condition recommentary by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Note on train relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Installation clabe     View as strain relief     Straingered by excessive bending forces.       Installation pace     View as strain relief     Straingered by excessive bending forces.       Installation pace	Pollution Degree	3
Mechanical data   Material data       Conting     Nickeled       Color housing     Black       Material gastol     PUR       Material housing     Plasio       Locking material     Zinc dis-casting       Mechanical data   Mounting data     Inserted, screwed       Environmental characteristics [ Climatic     Color population in the protection of the protectin protection of the protection of the protection o	Rated surge voltage	0,8 kV
Coding locking     Nickeled       Color housing     black       Material pasket     PUR       Material pasket     PUR       Material housing     Plastic       Locking material     Zinc die-casting       Mechnical data   Mounting data     isserted, screwed       Environmental characteristics   Climatic     Comparing temperature max.       Operating temperature max.     85 °C       Additional condition notwerature range     depending on cable quality       Important Installation notes     Se °C       Note on strain relie!     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 radiu when laying cables, as the IP protection dass can be endingered by successe bending forces.       Installation [ Cable     View arrangement       Cable Institution     O26       Cable Type     2       Printing color of wire insulation     Wite (isolation black')       Stranding     1       Stranding     1       Stranding     1       Stranding     1       Stranding     3 wires twisted	Material group (IEC 60664-1)	
Color housing     black       Material pasket     PUR       Material pasket     PUR       Material spacet     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed       Environmental characteristics   Climatic     Coperating remperature max.       Operating remperature max.     26 °C       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Isperatin fisting fisting fisting fisting fisting fisting fi	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 main.       Operating temperature main.     25 °C       Operating temperature main.     25 °C       Operating temperature main.     25 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Additional condition temperature range       Note on strain relie!     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Material problem     Attention: Observe the permissible bending radiu when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation   Cable     Urier arrangement       black 1, black 2, green-yellow     Cable identification       Cable identification     026       Cable identification     026       Cable identification     026       Cable weight     5 § s/m       Amount stranding     1       Stranding     3 wires twisted       wire arrangemen	Coating locking	Nickeled
Material housing     Plastic       Locking material     Zinc die casting       Mechanical data   Mounting method     inserted, screwed       Environmental characteristics   Climatic     Coperating temperature max.     85 °C       Operating temperature max.     85 °C     Additional condition temperature max.     85 °C       Additional condition temperature range     depending on cable quality     Important installation notes       Note on strain relief     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     Vite arrangement     black 1, black 2, green yellow       Cable Type     2     Prinding color of wire insulation     white (isolation black)       Jacket Color     yellow     Yites twisted     Yites twisted       Wire arrangement     black 1, black 2, green-yellow     Cable Type     Cable Type       Zher of corring with insulation     white (isolation black)     Jacket Color     Yellow       Type of Cartificate     CURus     Cable Type     Cable Type <t< td=""><td></td><td>black</td></t<>		black
Material housing     Plastic       Locking material     Zinc die casting       Mechanical data   Mounting method     inserted, screwed       Environmental characteristics   Climatic     Coperating temperature max.     85 °C       Operating temperature max.     85 °C     Additional condition temperature max.     85 °C       Additional condition temperature range     depending on cable quality     Important installation notes       Note on strain relief     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     Vite arrangement     black 1, black 2, green yellow       Cable Type     2     Prinding color of wire insulation     white (isolation black)       Jacket Color     yellow     Yites twisted     Yites twisted       Wire arrangement     black 1, black 2, green-yellow     Cable Type     Cable Type       Zher of corring with insulation     white (isolation black)     Jacket Color     Yellow       Type of Cartificate     CURus     Cable Type     Cable Type <t< td=""><td>Material gasket</td><td>PUR</td></t<>	Material gasket	PUR
Locking material     Zinc die-casting       Mechanical data   Mounting data       Mounting method     inserted, screwed       Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature may.     85 °C       Additional condition temperature may.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Note on train relief     P rotect 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 endangeement     black 1, black 2, green-yellow       Cable forpe     2     Printing color of wire insulation     026       Cable Type     2     Printing color of wire insulation     whet (solation black)       Jacket Color     yellow     Yellow     Yellow       Type of Certificate     cuRus     Amount stranding     1       Stranding     1     Stranding     1     Stranding     1       Stranding     3 wires twisted		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     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 endingered by excessive bending forces.       Installation (Cable        wire a rangement     black 1, black 2, green-yellow       Cable identification     026       Cable Type     2       Printing color of wire insulation     white (isolation black)       Jacket Color     yellow       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     black 1, black 2, green-yellow       Cable weigh     55 g/m       Affered cadmium-free, CFC-free, silicone-free       Stranding     3 wires twisted       wire arrangement     black 1, black 2, green-yel	Locking material	Zinc die-casting
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     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 endingered by excessive bending forces.       Installation (Cable        wire a rangement     black 1, black 2, green-yellow       Cable identification     026       Cable Type     2       Printing color of wire insulation     white (isolation black)       Jacket Color     yellow       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     black 1, black 2, green-yellow       Cable weigh     55 g/m       Affered cadmium-free, CFC-free, silicone-free       Stranding     3 wires twisted       wire arrangement     black 1, black 2, green-yel	Mechanical data   Mounting data	
Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Note on strain relief       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     Write arrangement       black 1, black 2, green-yellow     Cable identification       Cable Identification     026       Cable Type     2       Printing color of wire insulation     white (isolation black)       Jacket Colon     yellow       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     black 1, black 2, green-yellow       Cable weigth     55 g/m       Attention: Isolation strain     Stranding       Stranding     1       Btranchange stacket     85 ± 5 Shore A		inserted screwed
Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Note on bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Installation J Cable   wire arrangement   black 1, black 2, green-yellow     Cable fype   2     Printing color of wire insulation   white (isolation black)     Jacket Color   yellow     Type of Certificate   cURus     Amount stranding   1     Stranding   3 wires twisted     wire arrangement   black 1, black 2, green-yellow     Cable type   2     Printing color of wire insulation   white (isolation black)     Jacket Color   yellow     Type of Certificate   cURus     Amount stranding   1     Stranding   \$ wire stranding     Disc A 1, black 2, green-yel	ç	
Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation   Cable     write arrangement       black 1, black 2, green-yellow     Cable fidentification       Cable Identification     026       Cable Type     2       Printing color of wire insulation     white (isolation black)       Jacket Color     yellow       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     black 1, black 2, green-yellow       Cable type     2       Printing color of wire insulation     white (isolation black)       Jacket Color     yellow       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement		
Additional condition temperature range     depending on cable quality       Important installation notes     Evolution temperature range     depending on cable quality       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation   Cable     wire arrangement     black 1, black 2, green-yellow       Cable identification     026     Cable Type     2       Printing color of wire insulation     white (isolation black)     Jacket Color     yellow       Type of Certificate     cURus     CuRus     Attention: Color of wire insulation     1       Stranding     1     Stranding     1     Stranding     Cable wigh     55 g/m       Material jacket     PUR     PUR     Store hardness jacket     85 ± 5 Shore A     Freedom from ingredients (jacket)     Iead-free, cadmium-free, CFC-free, silicone-free     Cuter diameter (sheath)     ± 5 %       Material inner jacket     PVC     Color (inner jacket)     Sp mm     Color (inner jacket)     Sp mm       Color (inner jac		
Important installation notes       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation   Cable     wire arrangement     black 1, black 2, green-yellow       Cable identification     026     Cable Identification     Q26       Cable of of wire insulation     while (isolation black)     Jacket Color     yellow       Type of Cartificate     cuFitoate     cuFitoate     CuFitoate     Cable vertificate     CuFitoate     Cable vertificate     CuFitoate     Cable vertificate     CuFitoate     CuFitoate     CuFitoate     Cable vertificate     CuFitoate     CuFitoa		
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     Vertice       wire arrangement     black 1, black 2, green-yellow       Cable identification     026       Cable Type     2       Printing color of wire insulation     white (isolation black)       Jacket Color     yellow       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     black 1, black 2, green-yellow       Cable weigth     55 g/m       Material jacket     PUR       Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer diameter (jacket)     5.9 mm       Tolerance outer diameter (sheath)     ± 5 %       Material inner jacket     PVC       Color (inner jacket)     yellow       Material inner jacket     PVC <td< td=""><td></td><td>depending on cable quality</td></td<>		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     026       Cable Type     2       Printing color of wire insulation     white (isolation black)       Jacket Color     yellow       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     black 1, black 2, green-yellow       Cable weigth     55 g/m       Material jacket     PUR       Shore hardness jacket     85 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, silicone-free       Outer diameter (jacket)     5,9 mm       Tolerance outer diameter (sheath)     ± 5 %       Material inner jacket     PVC       Color (inner jacket)     yellow       Material inner jacket     PVC       Color (inner jacket)     yellow       Material inner insulation     PVC       Amount wires     3 <td>Important installation notes</td> <td></td>	Important installation notes	
Note of verticing radiusendangered by excessive bending forces.Installation   Cablewire arrangementblack 1, black 2, green-yellowCable identification026Cable Type2Printing color of wire insulationwhite (isolation black)Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth55 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)yellowMaterial wire insulationPVCAmount wires3Outer diameter insulation1,8 mmOuter diameter tolerance core insulation± 5 %	Note on strain relief	
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Cable identification026Cable Type2Printing color of wire insulationwhite (isolation black)Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth55 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)yellowMaterial wire insulationPVCAmount wires3Outer diameter tolerance core insulation1,8 mmOuter diameter tolerance core insulation1,8 mmOuter diameter tolerance core insulation± 5 %	Installation   Cable	
Cable Type2Printing color of wire insulationwhite (isolation black)Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth55 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)yellowMaterial wire insulationPVCAmount wires3Outer diameter tolerance core insulation1,8 mmOuter diameter tolerance core insulation± 5 %	wire arrangement	black 1, black 2, green-yellow
Printing color of wire insulationwhite (isolation black)Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth55 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material iner jacketPVCColor (inner jacket)yellowMaterial wire insulationPVCAmount wires3Outer diameter tolerance core insulation1,8 mmOuter diameter tolerance core insulation± 5 %	Cable identification	026
Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth55 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5.9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)yellowMaterial wire insulationPVCAmount wires3Outer diameter tolerance core insulation1,8 mmOuter diameter tolerance core insulation± 5 %	Cable Type	2
Type of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth55 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)yellowMaterial wire insulationPVCAmount wires3Outer diameter tolerance core insulation1,8 mmOuter diameter tolerance core insulation± 5 %	Printing color of wire insulation	white (isolation black)
Amount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth55 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)yellowMaterial wire insulationPVCAmount wires3Outer diameter tolerance core insulation1,8 mmOuter diameter tolerance core insulation± 5 %	Jacket Color	yellow
Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth55 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)yellowMaterial wire insulationPVCAmount wires3Outer diameter insulation1,8 mmOuter diameter tolerance core insulation± 5 %	Type of Certificate	cURus
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Cable weigth55 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)yellowMaterial wire insulationPVCAmount wires3Outer diameter insulation1,8 mmOuter diameter tolerance core insulation± 5 %	Stranding	3 wires twisted
Material jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)yellowMaterial wire insulationPVCAmount wires3Outer diameter insulation1,8 mmOuter diameter tolerance core insulation± 5 %	wire arrangement	black 1, black 2, green-yellow
Shore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)yellowMaterial wire insulationPVCAmount wires3Outer diameter insulation1,8 mmOuter diameter tolerance core insulation± 5 %	Cable weigth	55 g/m
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)yellowMaterial wire insulationPVCAmount wires3Outer diameter insulation1,8 mmOuter diameter tolerance core insulation± 5 %	Material jacket	PUR
Outer-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)yellowMaterial wire insulationPVCAmount wires3Outer diameter insulation1,8 mmOuter diameter tolerance core insulation± 5 %	Shore hardness jacket	85 ± 5 Shore A
Tolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)yellowMaterial wire insulationPVCAmount wires3Outer diameter insulation1,8 mmOuter diameter tolerance core insulation± 5 %	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material inner jacketPVCColor (inner jacket)yellowMaterial wire insulationPVCAmount wires3Outer diameter insulation1,8 mmOuter diameter tolerance core insulation± 5 %		
Color (inner jacket) yellow   Material wire insulation PVC   Amount wires 3   Outer diameter insulation 1,8 mm   Outer diameter tolerance core insulation ± 5 %		
Material wire insulation PVC   Amount wires 3   Outer diameter insulation 1,8 mm   Outer diameter tolerance core insulation ± 5 %		PVC
Amount wires3Outer diameter insulation1,8 mmOuter diameter tolerance core insulation± 5 %		
Outer diameter insulation 1,8 mm   Outer diameter tolerance core insulation ± 5 %	Matorial wire inculation	PVC
Outer diameter tolerance core insulation ±5%		
Shore hardness wire insulation 43 ± 5 Shore D	Amount wires	1,8 mm
	Amount wires Outer diameter insulation Outer diameter tolerance core insulation	1,8 mm ± 5 %

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Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-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 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	9,6 A
Electrical resistance line constant wire	26 Ω/km @ 20 °C
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Travel speed (C-track)	3,3 m/s @ 25 °C

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