

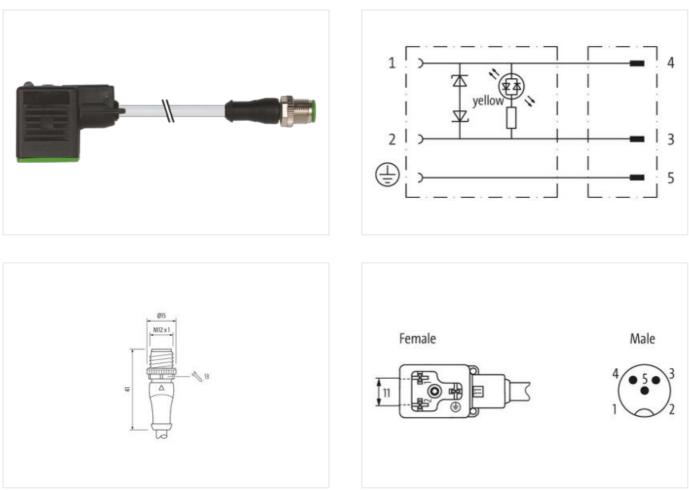
## M12 male 0° A-cod. / MSUD valve plug BI-11mm

PUR 3x0.75 gy UL/CSA 10m

MSUD Form BI (11 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.

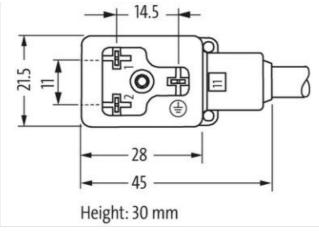
## Link to Product





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: 2024-05-05 Murrelektronik Power Oy | Jussilankatu 6 | 15680 Lahti | Fon +358 20 7789810 | Fax +358 20 7789811 | shop@murrelektronik.fi | shop.murrelektronik.fi





Product may differ from Image



Cable length	10 m
Side 1	
Tightening torque	0,4 Nm
Family construction form	MSUD
Thread	M3
No. of poles	3
Degree of protection (EN IEC 60529)	IP67
Side 2	
Tightening torque	0,6 Nm
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal $\emptyset$ )	10 mm
Coding	A
No. of poles	3
Width across flats	SW13
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	4048879149068
Packaging unit	1
Electrical data	
Capacity CX	20 ms
Electrical data   Supply	

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: 2024-05-05

Murrelektronik Power Oy | Jussilankatu 6 | 15680 Lahti | Fon +358 20 7789810 | Fax +358 20 7789811 | shop@murrelektronik.fi | shop.murrelektronik.fi



Operating voltage AC max.     19.2 V       Operating voltage AC max.     28.8 V       Operating voltage DC     24 V       Operating voltage DC max.     30 V       Cul-off peak voltage max.     55 V       Current operating per contact max.     4 A       Diagostics     Status indication LED       Status indication LED     yellow       Device protection [Electrical     Additional condition protection degree       Additional condition protection degree     3       Flact surge voltage     0.8 kV       Mechanical data [Meterial data     Color housing       Material housing     Plastic       Mechanical data [Mounting data     Mounting method       Inserted. screwed     Color housing       Operating temporature min.     -25 °C	
Operating voltage DC     24 V       Operating voltage DC min.     18 V       Operating voltage DC min.     30 V       Cut-off peak voltage max.     55 V       Current operating per contact max.     4 A       Diagnostics     Status indication LED       Status indication LED     yellow       Device protection   Electrical     Addition protection degree       Additional condition protection degree     3       Rated surge voltage     0,8 kV       Vectorating     0,8 kV       Mechanical data   Material data     Color housing       Material housing     Plasto       Mechanical data   Mounting data     Inserted, screwed       Mounting method     inserted, screwed       Environmental characteristics   Climatic     Operating memperature max.       Operating memperature max.     85 °C       Addition tomperature max.     85 °C	
Operating voltage DC min.     18 V       Operating voltage DC max.     30 V       Current operating per contact max.     4 A       Diagnostics     Status indication LED       Status indication LED     yellow       Device protection   Electrical     Additional condition protection degree       Additional condition protection degree     3       Rate surge voltage     0.8 kV       Mechanical data   Material data     Cort rousing       Operating unprotection I Electrical     Additional condition protection degree       Rate surge voltage     0.8 kV       Mechanical data   Material data     Cort rousing       Material housing     Plastic       Mechanical data   Mounting data     Inserted, screwed       Environmential characteristics   Climatic     Operating temperature max.       Operating temperature max.     85 °C       Additional condition netroperature max.     85 °C       Additional condition meterperature range     depending on cable quality       Important installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cabl       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g.	
Operating voltage DC max.     30 V       Cut-oft peak voltage max.     55 V       Cutront operating per contact max.     4 A       Diagnostic     Status indication LED       Velow     Device protection   Electrical       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     0.8 kV       Mechanical data   Material data     Color housing       Color housing     black       Material housing     Plastic       Mechanical data   Munting data     Mounting method       Mounting method     inserted, screwed       Environmental characteristics   Climatic     Operating temperature mix.       Operating temperature mix.     -25 °C       Operating temperature mix.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature may.     4tention: Observe the permissible bending radii when laying cables, as the IP protection date endangered by excessive burget missible bending tradi when laying cables, as the IP protection date endangered by excessive burget missible bending tradi when laying cables, as the IP protection date endangered by excessive burget missible bending tradi when laying cables, as the IP protection date endangered by excessive burget mannels (backs, e.g. by the	
Operating voltage DC max.     30 V       Cut-oft peak voltage max.     55 V       Cutront operating per contact max.     4 A       Diagnostic     Status indication LED       Velow     Device protection   Electrical       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     0.8 kV       Mechanical data   Material data     Color housing       Color housing     black       Material housing     Plastic       Mechanical data   Munting data     Mounting method       Mounting method     inserted, screwed       Environmental characteristics   Climatic     Operating temperature mix.       Operating temperature mix.     -25 °C       Operating temperature mix.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature may.     4tention: Observe the permissible bending radii when laying cables, as the IP protection date endangered by excessive burget missible bending tradi when laying cables, as the IP protection date endangered by excessive burget missible bending tradi when laying cables, as the IP protection date endangered by excessive burget missible bending tradi when laying cables, as the IP protection date endangered by excessive burget mannels (backs, e.g. by the	
Cut-off peak voltage max.     55 V       Current operating per contact max.     4 A       Diagnostice     Status indication LED       Status indication LED     yellow       Device protection   Electrical     Additional condition protection degree       Additional condition protection degree     3       Rated surge voltage     0.8 kV       Mechanical data   Material data     Color housing       Material inbusing     Plastic       Mechanical data   Mounting data     Mounting method       Mounting method     inserted, screwed       Environmental characteristics   Climatic     Color housing       Operating temperature min.     -25 °C       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 cabl       Nole on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cabl       Nole on strain relief     DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)       Installation   Cable     Conformity       Product standard     DIN EN 61076-2-10	
Diagnostics       Status indication LED     yellow       Device protection   Electrical     Inserted, screwed       Additional condition protection degree     3       Rated surge voltage     0,8 kV       Mechanical data   Material data     Color housing       Material housing     Diack       Material housing     Plastic       Mechanical data   Mounting data     Mounting method       Mounting method     inserted, screwed       Environmental characteristics   Climatic     Operating temperature min.       Operating temperature min.     -25 °C       Operating temperature min.     -25 °C       Operatin installation notes     Attention: Observe the permissible measures from mechanical loads, e.g. by the usage of cabi       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cabi       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection date endangered by excessive bending forces.       Conformity     Product standard       Product standard     226       Cable identification     226       Cable identification     226       Cable identificat	
Diagnostics       Status indication LED     yellow       Device protection [Electrical     Inserted, screwed       Additional condition protection degree     3       Rated surge voltage     0,8 kV       Mechanical data [Material data     Color housing       Material housing     Diack       Material housing     Diack       Mechanical data [Mounting data     Color housing       Mounting method     inserted, screwed       Environmental characteristics   Climatic     Color housing       Operating temperature min.     -25 °C       Operating temperature min.     -25 °C       Operatin instellation notes     Retroinco. Screwed       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cabi Additional condition temperature range       Additional condition temperature anse     edpending on cable quality       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cabi Anales       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cabi Anales       Note on bending radius     Affection:: Oscenwite berminsible bending radii when laying cables, as the IP protection cabe andangered by excessive bending	
Status indication LED yellow   Device protection   Electrical inserted, screwed   Additional condition protection degree 3   Rated surge voltage 0.8 kV   Mechanical data   Material data Color housing black   Material housing Plastic   Mechanical data   Material data Color housing black   Material housing Plastic Mechanical data   Mounting data   Mounting method inserted, screwed Environmental characteristics   Climatic   Operating temperature min. -25 °C Color housing   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 not server the permissible bending radii when laying cables, as the IP protection data endangered by excessive bending forces.   Conformity Environmental characteristic = Climatic   Product standard DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)   Installation   Cable Cable identification   226 Cable identification 226   Cable identification 226   Cable identification 226   Cable identificate cUPR	
Device protection   Electrical       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     0.8 kV       Mechanical data   Material data     Color housing       Odor housing     Plastic       Mechanical data   Mounting data     Inserted, screwed       Mounting method     inserted, screwed       Environmental characteristics   Climatic     Operating temperature main.       Operating temperature main.     -25 °C       Operating temperature main.     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 cabl       Note on bending radius     Attention: Observe the permissible bending rule when laying cables, as the IP protection clast endangered by excessive bending torces.       Conformity     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable       Note on strain relief     DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)       Installation   Cable     Cable type       Cable fype     2	
Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   0,8 kV     Mechanical data   Metrial data   Color housing   black     Odor housing   Plastic     Mechanical data   Mounting data   Inserted, screwed     Mounting method   inserted, screwed     Environmental characteristics   Climatic   Operating temperature main.     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     Note on bending radius   Attention: Observe the permissible bending forces.     Conformity   Product standard     DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)   Installation   Cable     Cable Type   2     Jacket Color   gray     Type of Certificate   QURus     Amount stranding   1     Stranding   3 wires twisted     wire arrangement   black 1, black 2, green-yellow    Cable type   2	
Pollution Degree   3     Rated surge voltage   0.8 kV     Mechanical data   Material data   Color housing   black     Material housing   Plastic     Mechanical data   Mounting data   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 strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cabl     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cabl     Note on strain relief   Portect the connectors by suitable measures from mechanical loads, e.g. by the usage of cabl     Note on strain relief   Portect the connectors by suitable measures from mechanical loads, e.g. by the usage of cabl     Note on strain relief   DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)     Installation (Cable   Cable identification     226   Cable identification     226   Cable identification     227   Jacket Color     Type of Certificate   CURus     Amount stranding	
Rated surge voltage 0,8 kV   Mechanical data   Material data   Color housing black   Material housing Plastic   Mechanical data   Mounting data Mounting method   Mounting method inserted, screwed   Environmental characteristics   Climatic Operating temperature min.   -25 °C Operating temperature max.   Additional condition temperature range depending on cable quality   Important installation notes Note on strain relief   Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection das endangered by excessive bending forces.   Conformity Product standard   Product standard DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)   Installation   Cable Cable identification   226 Cable Identification   217 Qa Corlificate   Color gray   Type of Certificate cURus   Amount stranding 1   Stranding 3 wires twisted   wire arrangement black 1, black 2, green-yellow   Cable weight 55,33 g/m   Material jackt PUR   Shore hardness jacket 85 ± 5 Shore A   Freedom from ingredients (jacket) 6.9 mm   Tolerance cute	
Mechanical data   Material data       Color housing     black       Material housing     Plastic       Mechanical data   Mounting data     inserted, screwed       Mounting method     inserted, screwed       Environmental characteristics   Climatic     Operating temperature max.       ØS °C     Operating temperature max.       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 cabl       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection clast endingered by excessive bending forces.       Conformity     Product standard       Product standard     DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)       Installation   Cable     Cable identification       Cable identification     226       Cable Identification     226       Cable Identification     226       Cable Identification     23 wires twisted       Mount stranding     1       Stranding     3 wires twisted       Material jacket	
Color housing     black       Material housing     Plastic       Mechanical data   Mounting data     Inserted, screwed       Environmental characteristics   Climatic     Operating temperature min.     -25 °C       Operating temperature max.     85 °C     Additional condition temperature range     depending on cable quality       Important installation notes     Mouto on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cabl       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cabl       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection clast endangered by excessive bending forces.       Conformity     Product standard     DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)       Installation   Cable     Z26     Cable identification     226       Cable identification     226     Cable identification     23 wites twisted       Amount stranding     1     Stranding     1       Stranding     3 wites twisted     S5 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer-diameter (jac	
Material housing     Plastic       Mechanical data   Mounting data     Mounting method     inserted, screwed       Environmental characteristics   Climatic     Operating temperature max.     85 °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 not strain relief       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection clase endangered by excessive bending forces.       Conformity     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable not strain relief       Product standard     DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)       Installation   Cable     Cable identification       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	
Mechanical data     Mounting data       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     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class endangered by excessive bending forces.       Conformity     Product standard       Product standard     DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)       Installation   Cable     Cable identification       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       <	
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 strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable and agreed be vecessive bending radii when laying cables, as the IP protection class endangered by excessive bending forces.       Conformity     Product standard     DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)       Installation   Cable     226     Cable identification       Cable identification     226     Cable Type       Q of Certificate     cURus     Amount stranding       Amount stranding     1     Stranding       Stranding     3 wires twisted     wire arrangement       blackt     PUR     Shore A       Shore hardness jacket     85 ± 5 Shore A     Freedom from ingredients (jacket)       Freedom from ingredients (jacket)     5.9 mm     Tolerance outer diameter (sheath)	
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 strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable and agreed be vecessive bending radii when laying cables, as the IP protection class endangered by excessive bending forces.       Conformity     Product standard     DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)       Installation   Cable     226     Cable identification       Cable identification     226     Cable Type       Q of Certificate     cURus     Amount stranding       Amount stranding     1     Stranding       Stranding     3 wires twisted     wire arrangement       blackt     PUR     Shore A       Shore hardness jacket     85 ± 5 Shore A     Freedom from ingredients (jacket)       Freedom from ingredients (jacket)     5.9 mm     Tolerance outer diameter (sheath)	
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 cabl     Note on bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class endangered by excessive bending forces.     Conformity   Product standard   DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)     Installation   Cable   Z26     Cable identification   226     Cable identification   226     Cable IType   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	
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 cabl     Note on bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class endangered by excessive bending forces.     Conformity   Product standard     Product standard   DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)     Installation   Cable   Cable identification     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 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) <t< td=""><td></td></t<>	
Additional condition temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Note on strain relief     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable and angered by excessive bending radii when laying cables, as the IP protection clast endangered by excessive bending forces.     Conformity   Product standard   DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)     Installation   Cable   Cable identification   226     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 %	
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     Note on bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection clase endangered by excessive bending forces.     Conformity   Product standard   DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)     Installation   Cable   Cable identification   226     Cable identification   226   Cable Type     Jacket Color   gray   Type of Certificate   cURus     Amount stranding   1   Stranding   Stranding   Stranding     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 %	
Important installation notes       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cabl Attention: Observe the permissible bending radii when laying cables, as the IP protection clas endangered by excessive bending forces.       Conformity     Installation   Cable       Product standard     DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)       Installation   Cable     226       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 %	
Note on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cableNote on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class endangered by excessive bending forces.ConformityProduct standardDIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)Installation   Cable226Cable identification226Cable ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth55,33 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVC	
Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection clase endangered by excessive bending forces.       Conformity     Product standard     DIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)       Installation   Cable     226       Cable identification     226       Cable 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 %	· · · · ·
Note on behaling radiusendangered by excessive bending forces.ConformityProduct standardDIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)Installation   CableCable identification226Cable Identification226Cable ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth55,33 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVC	
Product standardDIN EN 61076-2-101 (M12); DIN EN 175301-803 (Ventilstecker)Installation   CableCable identification226Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth55,33 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)640-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5.9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVC	n class can be
Installation   CableCable identification226Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth55,33 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)1Cuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVC	
Cable identification226Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth55,33 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVC	
Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth55,33 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVC	
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)± 5 %Material inner jacketPVC	
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)± 5 %Material inner jacketPVC	
Type of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth55,33 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVC	
Amount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth55,33 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVC	
wire arrangementblack 1, black 2, green-yellowCable weigth55,33 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVC	
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 jacketPVC	
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 jacketPVC	
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	
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	
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	
Outer-diameter (jacket) 5,9 mm   Tolerance outer diameter (sheath) ± 5 %   Material inner jacket PVC	
Tolerance outer diameter (sheath) ± 5 %   Material inner jacket PVC	
Material inner jacket PVC	
Material wire insulation PVC	
Amount wires 3	
Outer diameter insulation 1,8 mm	
Outer diameter tolerance core insulation ± 5 %	
Shore hardness wire insulation 43 ± 5 Shore D	
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free	
Amount strands (wire) 42	

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: 2024-05-05

Murrelektronik Power Oy | Jussilankatu 6 | 15680 Lahti | Fon +358 20 7789810 | Fax +358 20 7789811 | shop@murrelektronik.fi | shop.murrelektronik.fi



Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,75 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	12 A
Electrical resistance line constant wire	26 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	0° C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	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

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: 2024-05-05

Murrelektronik Power Oy | Jussilankatu 6 | 15680 Lahti | Fon +358 20 7789810 | Fax +358 20 7789811 | shop@murrelektronik.fi | shop.murrelektronik.fi