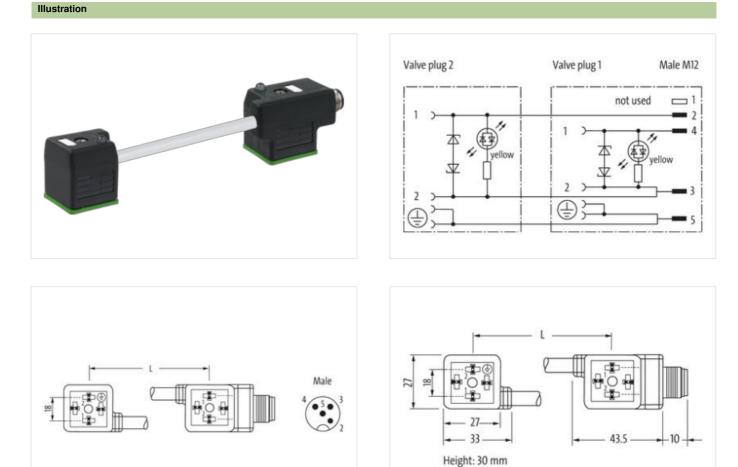


## M12 male on back A-cod. / MSUD double valve A-18mm

PUR 3x0.75 gy UL/CSA+drag ch. 0m

Form A (18 mm) – M12, connector at the rear 24 V AC ±20% / DC ±25% LED and suppression Connection cable L = 100 mm 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

Side 1		
Tightening torque	0,4 Nm	
Thread	M3	
Side 2		
rmation in this Product-PDF has been co	mpiled with the utmost care. vicality of the information is restricted to gross negligence. Version: 2024-05-18	

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Commercial dataECIASS 6.027/19/423ECIASS 7.022/29/218ECIASS 7.022/29/218ECIASS 7.022/29/218ECIASS 7.022/29/218ECIASS 7.022/29/218ECIASS 7.022/29/218ECIASS 7.022/29/218ECIASS 7.022/29/218ECIASS 7.027/06012ECIASS 7.026/0612ECIASS 7.026/0612ECIASS 7.026/0612Capacity CX26/0612Packaging unt1Etercical data26/07Etercical data24/07Coreating voltage AC24/07Operating voltage AC24/07Coreating voltage AC26/07Coreating voltage AC26/07 <th>Tightening torque</th> <th>0,4 Nm</th>	Tightening torque	0,4 Nm
ECLASS 6.02714242ECLASS 6.127270218ECLASS 6.02720218ECLASS 8.02720218ECLASS 8.02720218ECLASS 8.027000312ECLASS 8.127000312ECLASS 1.127000312ECLASS 1.127000312ECLASS 1.127000312ECLASS 1.127000312ECLASS 1.127000312ECLASS 1.127000312ECLASS 1.127000312ECLASS 1.127000312ECLASS 1.227000312ECLASS 1.227000312ECLASS 1.227000312ECLASS 1.227000312ECLASS 1.227000312CONSTRAMENT1Packaging unt1Electical data2840Operating values AC man.28.4Operating values AC man.28.4Operating values AC man.28.4Operating values AC man.28.4Operating values DC man.18Operating values Colono18Delectaric IS Man.18O	Thread	M3
EGLASS.6.1         27278218           EGLASS.7.0         27278218           EGLASS.8.0         27278218           EGLASS.8.0         27278218           EGLASS.8.0         27290312           EGLASS.10         27090312           EGLASS.11.1         27090312           EGLASS.12.0         27071742           EGLASS.20.0         281           Oparating volage AD         281           Oparating volage AD         <	Commercial data	
ECLASS 7.0         22729218           ECLASS 8.0         22792018           ECLASS 8.0         27060312           ECLASS 10.1         27060312           ECLASS 11.4         27060312           ECLASS 12.0         27060312           ECLASS 11.4         27060312           ECLASS 11.4         27060312           ECLASS 11.4         27060312           ECLASS 11.4         27060312           ECLASS 12.0         27060312           ECLASS 11.4         27060312           ECLASS 11.4         27060312           ECLASS 11.4         27060312           ECLASS 11.4         27060312           ECLASS 12.0         27060312           ECLASS 24.1         27060312           ECLASS 24.1         270           ECLASS 24.1         20 ms           Electrical data 1 Suppit         270           Operating voltage Comax         28.0           Operating voltage DC max         30 V           Calof I paa	ECLASS-6.0	27143423
ECLASS 8.0         2727218           ECLASS 9.0         27060312           ECLASS 9.1         27060312           ECLASS 10.1         27060312           ECLASS 10.1         27060312           ECLASS 10.1         27060312           ECLASS 10.1         27060312           ECLASS 12.0         27060312           Caslom Staff Actin 1         40487914254           Packagn yould         1           Electrical data [Supply         20 ms           Derating voltage AC min.         19.2 V           Operating voltage AC min.         19.2 V	ECLASS-6.1	27279218
EGLASS 9.0         2760312           EGLASS 9.1.1         27060312           EGLASS 9.1.1         9706314254           Packaging unit         1           Electrical data         5007           Operaing voltage AC         24 V           Operaing voltage AC max.         28 V           Operaing voltage DC max.         18 V           Operaing voltage DC max.         30 V           Cul of pack voltage max.         55 V           Current oparating por contact max.         4 A           Device optector [Electrical         Foreaction (Electrical catal voltage max.           Adational condition protector darge max.         55 °C           Color housing         Bac	ECLASS-7.0	27279218
EGLASS-10.1         27660312           EGLASS-12.0         27660312           ETM.5.0         ECO01985           eatoms tarff number         65444200           GTIN         4048879144254           Packaging unit         1           Etertical data         E           Capacity CX         20 ms           Etertical data         E           Operating voltage AC min.         19.2 V           Operating voltage AC max.         29.8 V           Operating voltage AC max.         29.8 V           Operating voltage AC max.         30 V           Current operating avoltage BC max.         30 V           Current operating voltage max.         55 V           Current operating voltage AC max.         4 A           Device protection I Electrical         Electrical data           Device protection GAPECE         Imperative max.           Additional condition protection degree         inserted, screwed           Machanicid data I Mou	ECLASS-8.0	27279218
EGLASS:1:1         27080312           EGLASS:1:2.0         27080312           EGLASS:1:2.0         EGOID655           oustoms staff number         85444390           GTIM         4040879144254           Packaging unit         1           Electrical data         Egoing (X           Electrical data         Supply           Deparating voltage AC         24 V           Operating voltage AC max.         28.8 V           Operating voltage DC         24 V           Operating voltage DC max.         30 V           Curof operating voltage DC max.         30 V           Curof operating voltage DC max.         55 V           Curof operating voltage DC max.         55 V           Curof operating voltage DE max.         55 V           Curof operating voltage DE max.         55 V           Curof operating voltage DE flectrical         Environment (Haterial data           Mechanical data         Housing           Mechanical data         Housing           Mechanical data         Housing           Mechanici data [ Mouring data	ECLASS-9.0	27060312
ECI.ASS-12.0     27060312       ETIM.5.0     EC001655       causons tarff number     8544290       GTIN     4048879144254       Packaging unit     1       Electrical data     Electrical data       Capacity CX     20 ms       Electrical data [ Supply     Electrical data       Operating voltage AC min.     19.2 V       Operating voltage DC min.     19. V       Operating per contact max.     55. V       Current operating per contact max.     4 A       Device protection   Electrical     Electrical data       Material housing     Basic       Mechanical data   Material data     Material data       Mouting method     inserted, screwed       Device pru	ECLASS-10.1	27060312
ETIM 5.0     EC001855       customs farff number     B544239       GTIN     40485714254       Packaging und     1       Electrical data     Comparison       Capacity, CX     20 ms       Electrical data   Supply     Comparison       Operating voltage AC     24 V       Operating voltage AC max.     28.8 V       Operating voltage AC max.     28.8 V       Operating voltage DC max.     30 V       Current Operating portage max.     55 V       Current Operating portage max.     55 V       Current Operating port contact max.     4 A       Device protection   Electrical     Electrical       Degree of protocct max     4 A       Device protection   Electrical     Electrical       Degree of protocct max     4 A       Device protection   Electrical     Electrical       Degree of protocct may Electrical back     Electrical       Material housing     Biask       Material data   Material data     Electrical condition electrical       Operating voltage max.     25 °C       Operating emperature max.     85 °C       Additional condition temperature may.     45 °C       Operating emperature max.     85 °C       Additional condition temperature may.     45 °C       Operating emperature max. <td>ECLASS-11.1</td> <td>27060312</td>	ECLASS-11.1	27060312
customs tariff number         85444290           CTIN         4046879144254           Peckaging unit         1           Electrical data         Capacity CX         20 ms           Electrical data   Supply         Comparity controls         Capacity CX           Operating voltage AC         24 V           Operating voltage AC max.         28.8 V           Operating voltage AC max.         28.8 V           Operating voltage DC min.         18 V           Operating voltage DC max.         30 V           Current operating voltage max.         55 V           Current operating voltage max.         55 V           Current operating voltage max.         4 A           Device protection   Electrical         Electrical           Degree of protection   Electrical         Electrical data           Degree of protection   Electrical         Electrical data           Material housing         Plasic           Material housing         Plasic           Material housing         Plasic           Device protection   Electrical data         Mounting mothed           Insertid, screwed         Environmetal characteristics   Climatic           Depreting inserture mins.         45 °C           Operating inserture mins.         45 °C<	ECLASS-12.0	27060312
GTIN     4048879144254       Packaging unit     1       Electrical data     Capacity CX     20 ms       Electrical data   Supply     Portaling voltage AC     24 V       Operating voltage AC max.     25.8 V     Operating voltage AC max.       Operating voltage AC max.     26.8 V       Operating voltage BC max.     30 V       Current operating voltage BC max.     30 V       Current operating voltage BC max.     55 V       Current operating voltage BC max.     55 V       Dester op toroticon [Electrical     Dester op toroticon [Electrical       Dester op toroticon [Electrical     Imeeted, screwed       Mechanical data   Material data     Material data       Color housing     black       Material toroticon togree     imserted, screwed       Mechanical data   Material data     SC C       Operating rollage max.     65 °C       Additional condition tomperature max.     68 °C       Addition tomperature max.     68 °C <td>ETIM-5.0</td> <td>EC001855</td>	ETIM-5.0	EC001855
Packaging unit.       1         Electrical data       20 ms         Capacity CX       20 ms         Electrical data   Supply       24 V         Operating voltage AC       24 V         Operating voltage AC min.       19.2 V         Operating voltage AC min.       19.2 V         Operating voltage AC min.       19.2 V         Operating voltage AC min.       18.V         Operating voltage BC min.       18.V         Operating voltage BC min.       18.V         Operating voltage BC max.       30 V         Curiert operating per contact max.       4 A         Device protection [Electrical       Imeration and an antion operation operation operation operation operation operation and antion protection dates         Additional condition protection dates       Imeration antion antion operation antion protection dates         Material housing       black         Mounting method       inserted. screwed         Environmental characteristics [ Climatic       Imeration antion antion operation antion antion antion operation antion antion antion operation antion antion antion operation antion antion operation antion operation antion antion operation antion antion operation antion antion operation antion antion antion operation antion antion antion antion operation antion antion antion antion antion antion operatio	customs tariff number	85444290
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Capacity CX     20 ms       Electrical data   Supply     Perating voltage AC     24 V       Operating voltage AC min.     19,2 V       Operating voltage AC max.     28,8 V       Operating voltage DC min.     18 V       Operating voltage DC max.     30 V       Cut-oft peak voltage max.     55 V       Cut-oft operating oper contact max.     4 A       Device protection [Electrical     Imented, screwed       Begree of protection [Electrical data     Material housing       Device protection [Electrical data     Imented, screwed       Mechanical data   Material data     Screwed       Mechanical data   Mounting data     Screwed       Environmental characteristics [Climatic     Screwed       Operating interperature min.     -25 °C       Operating interperature max.     85 °C       Additional condition protection classes and be ending on cable quality       Imperature min.     -25 °C       Operating interperature max.     85 °C       Additional condition temperature may.     85 °C       Additional condition temperature may.     85 °C       Note on bending radiu     Protect the connectors by suitable measures from mechanical loads, e, g, by the	Packaging unit	1
Electrical data   Supply           Operating voltage AC         24 V           Operating voltage AC max.         28.8 V           Operating voltage AC max.         28.8 V           Operating voltage AC max.         28.8 V           Operating voltage DC         24 V           Operating voltage DC min.         18 V           Operating voltage DC min.         18 V           Operating voltage DC max.         30 V           Cut-off peak voltage max.         55 V           Cut-off peak voltage max.         55 V           Cut-off peak voltage max.         4 A           Device protection (ENEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Mechanical data   Material data         Mack           Material housing         black           Mechanical data   Mounting data         Inserted, screwed           Environmential characteristics   Climatic         Gore Coco           Operating relaperature min.         -25 °C           Operating relaperature max.         85 °C           Additional condition temperature may.         85 °C           Operating relaperature max.         85 °C           Additional condition temperature may.         85 °C           Operating rela	Electrical data	
Operating voltage AC         24 V           Operating voltage AC min.         19.2 V           Operating voltage AC max.         28.8 V           Operating voltage DC         24 V           Operating voltage DC min.         18 V           Operating voltage DC max.         30 V           Cul-off peak voltage DC max.         56 V           Current operating per contact max.         4 A           Device protection [Electrical         Important install data           Degree of protection (Electrical data [Material data         Important install data           Mechanical data [Material data         Important install data           Mechanical data [Material data         Important install data           Mechanical data [Mounting data         -25 °C           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition protection clease can be adding on cable quality           Important installation notes         -25 °C           Note on banding radius         Attention: Observe the permissible bending radii when laying cables, e.g. by the usage of cable ties.           Note on strin relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on banding radius         Attention: Observe the permissible bending rad	Capacity CX	20 ms
Operating voltage AC min.         19.2 V           Operating voltage AC max.         28.8 V           Operating voltage DC         24 V           Operating voltage DC max.         30 V           Operating voltage DC max.         30 V           Cut-off peak voltage max.         55 V           Current operating per contact max.         4 A           Device protection [Electrical         Device protection [Electrical           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Mechanical data [Material data         Color housing           Material housing         Plastic           Mechanical data [Mounting data         Inserted, screwed           Environmental characteristics   Climatic         Color housing           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.	Electrical data   Supply	
Operating voltage AC max.     28.8 V       Operating voltage DC     24 V       Operating voltage DC min.     18 V       Operating voltage DC max.     30 V       Cut-off peak voltage max.     55 V       Cut-off peak voltage max.     4 A       Device protection   Electrical     Device protection (EN IEC 60529)       Degree of protection of epree inserted, screwed     Mechanical data   Material data       Color housing     black       Material housing     Plastic       Mechanical data   Mounting data     Mounting method       Mounting method     inserted, screwed       Environmental characteristics   Climatic     Color housing       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Netention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation   Cable     236       Cable identification     236       Cable identificate     Cut-Queaning in white (id	Operating voltage AC	24 V
Operating voltage DC         24 V           Operating voltage DC min.         18 V           Operating voltage DC max.         30 V           Current operating per contact max.         4 A           Device protection   Electrical            Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           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.         86 °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.           Naterial or adus         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by xccessive bending forces.           Installation   Cable         236           Cable identification         236	Operating voltage AC min.	19,2 V
Operating voltage DC min.         18 V           Operating voltage DC max.         30 V           Cut-off peak voltage max.         55 V           Cut-off peak voltage max.         56 V           Cut-off peak voltage max.         4 A           Device protection   Electrical         Image: Comparison of Compariso	Operating voltage AC max.	28,8 V
Operating voltage DC max.         30 V           Cut-off peak voltage max.         55 V           Current operating per contact max.         4 A           Device protection   Electrical         Image: Contact max.           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Mechanical data   Material data         Image: Contact max.           Color housing         black           Material housing         Plastic           Mounting method         inserted, screwed           Environmental characteristics   Climatic         Coperating temperature min.           Operating temperature min.         -25 °C           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Materion: Observe the permissible bending radii when laying cables, e.g. by the usage of cable ties.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Installation   Cable         236           Cable identification         236           Cable identification         236           Cable identificatio	Operating voltage DC	24 V
Cut-off peak voltage max.       55 V         Current operating per contact max.       4 A         Device protection   Electrical          Degree of protection (EN IEC 60529)       IP67         Additional condition protection degree       inserted, screwed         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 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       236         Cable Type       3         Printing color of wire insulation       white (isolation black)         Jacket Color       gray         Type of Certificate       cURus         Anount stranding       1	Operating voltage DC min.	18 V
Current operating per contact max.       4 A         Device protection   Electrical         Degree of protection (EN IEC 60529)       IP67         Additional condition protection degree       inserted, screwed         Mechanical data   Material data       Image: Contact max.         Color housing       black         Material housing       Plastic         Mechanical data   Mounting data       Image: Contact max.         Mounting method       inserted, screwed         Environmental characteristics   Climatic       Color housing         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Inportant installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Installation   Cable       Zable identificaton         Cable identification       236         Cable identification       33         Priver of or wire insulation white (isolation black)       Jacket Color         Jacket Color       gray         Type of Certificate       cURus         Anount stra	Operating voltage DC max.	30 V
Device protection   Electrical           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Mechanical data   Material data         Degree of protection (EN IEC 60529)         Plastic           Mechanical data   Material data         Degree of protection (EN IEC 60529)         Plastic           Mechanical data   Mounting data         Plastic         Mounting method         inserted, screwed           Mechanical data   Mounting data         inserted, screwed         Mounting method         inserted, screwed           Environmental characteristics   Climatic         Color Active and a screwed         Mounting temperature min.         -25 °C           Operating temperature max.         85 °C         Additional condition temperature range         depending on cable quality           Important Installation notes         Mote 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         236           Cable lotellification         3           Printing color of wire insulation         while (isolation black)           Jacket Color         gray <td>Cut-off peak voltage max.</td> <td>55 V</td>	Cut-off peak voltage max.	55 V
Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         inserted, screwed           Mechanical data   Material data         Screwed           Color housing         black           Material housing         Plastic           Mechanical data   Mounting data         misorted, screwed           Mounting method         inserted, screwed           Environmental characteristics   Climatic         Gogen and pending on cable quality           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         236           Cable otrype         3           Printing color of wire insultaton         white (isolation black)           Jacket Color         gray           Type of Certificate         cURus           Attention stranding         cURus  <	Current operating per contact max.	4 A
Additional condition protection degree         inserted, screwed           Mechanical data   Material data         Inserted, screwed           Color housing         black           Material housing         Plastic           Mechanical data   Mounting data         Inserted, screwed           Mechanical data   Mounting data         Inserted, screwed           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         Attention:: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Installation I Cable           Cable identification         236         Castaluton black         Jacket Color         gray           Printing color of wire insulation         white (isolation black)         Jacket Color         gray           Type of Certificate         cURus         Amount stranding         Jacket Color         gray	Device protection   Electrical	
Mechanical data   Material data           Color housing         black           Material housing         Plastic           Mechanical data   Mounting data         Inserted, screwed           Environmental characteristics   Climatic         inserted, screwed           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Vote on strain relief           Note on barding radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation   Cable         236           Cable identification         236           Cable Type         3           Printing color of wire insultation         white (isolation black)           Jacket Color         gray           Type of Certificate         cURus           Arount stranding         1	Degree of protection (EN IEC 60529)	IP67
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 may.         85 °C           Additional condition temperature may.         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.           Installation   Cable         236           Cable identification         236           Cable Type         3           Printing color of wire insulation         white (isolation black)           Jacket Color         gray           Type of Certificate         cURus           Atmention: strainding         1	Additional condition protection degree	inserted, screwed
Material housing         Plastic           Mechanical data   Mounting data         inserted, screwed           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         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Installation   Cable         Cable identification         236           Cable identification         236         Cable identification         236           Cable Identification         236         Cable identification         236           Cable Identification         236         Cable Identification         236           Cable Identification         9 (solation black)         3         Printing color of wire insulation         white (isolation black)           Jacket Color         gray         Type of Certificate         cURus         Amount stranding         1	Mechanical data   Material data	
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         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         236           Cable identification         236           Cable Identification         236           Cable Identification         white (isolation black)           Jacket Color         gray           Type Out Critificate         URus           Amount stranding         1	Color housing	black
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         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         236           Cable identification         236           Cable Identification         white (isolation black)           Jacket Color         gray           Printing color of wire insultation         white (isolation black)           Jacket Color         gray           Type out stranding         1		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         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   Cable         236           Cable identification         236           Cable Type         3           Printing color of wire insulation         white (isolation black)           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1	-	
Environmental characteristics   Climatic         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Mote 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       236         Cable identification       236         Cable identification       236         Cable Color       gray         Type of Certificate       cURus         Amount stranding       1		insected paraword
Operating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityImportant installation notesProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.Installation   Cable236Cable identification236Cable Type3Printing color of wire insulationwhite (isolation black)Jacket ColorgrayType of CertificatecURusAmount stranding1		
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 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       236         Cable identification       236         Cable Type       3         Printing color of wire insulation       white (isolation black)         Jacket Color       gray         Type of Certificate       cURus         Amount stranding       1	Environmental characteristics   Climatic	
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   Cable       236         Cable identification       236         Cable Type       3         Printing color of wire insulation       white (isolation black)         Jacket Color       gray         Type of Certificate       cURus         Amount stranding       1		
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Installation   CableCable identification236Cable Type3Printing color of wire insulationwhite (isolation black)Jacket ColorgrayType of CertificatecURusAmount stranding1	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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Cable Type3Printing color of wire insulationwhite (isolation black)Jacket ColorgrayType of CertificatecURusAmount stranding1	Installation   Cable	
Printing color of wire insulation     white (isolation black)       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1	Cable identification	236
Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1	Cable Type	3
Type of Certificate     cURus       Amount stranding     1	Printing color of wire insulation	white (isolation black)
Amount stranding 1	Jacket Color	
		cURus
Stranding 3 wires twisted	Amount stranding	1
	Stranding	3 wires twisted

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wire arrangement	black 1, black 2, green-yellow
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%
Material wire insulation	PP
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 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C   horizontal
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
Flame resistance	UL 1581 § 1090   IEC 60332-2-2   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)	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

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