

## M8 male 0° / M12 female 90° A-cod.

PUR 3x0.25 gy UL/CSA 1m

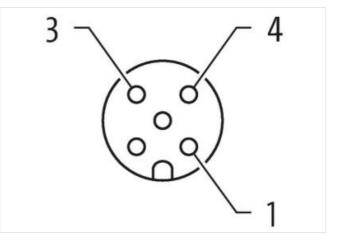
## ⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

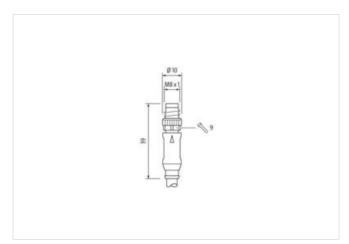
Male straight – female 90° M8 – M12, 3-pole M12, A-coded Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

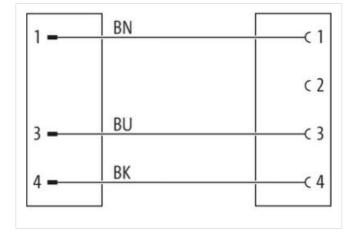
## Link to Product

Illustration



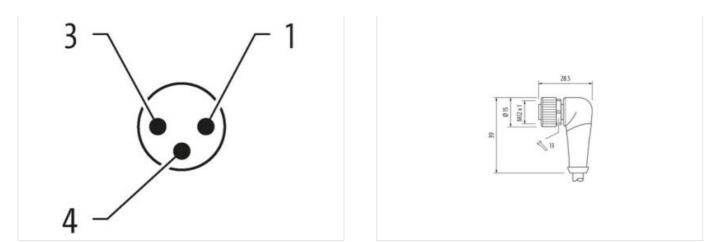






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-12 Murrelektronik B.V. | Takkebijsters 3 | 4817 BL Breda | Fon 085-22 20 282 | Fax 085-22 20 283 | shop@murrelektronik.nl | shop.murrelektronik.nl





Product may differ from Image



Cable length	1 m
Side 1	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Coding	A
Material contact	Copper alloy
No. of poles	3
Width across flats	SW9
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal $\emptyset$ )	10 mm
Coding	A
Material contact	Copper alloy
No. of poles	3
Width across flats	SW13
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311

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: 2024-05-12

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



Sustams latif number     8544280       GTIN     4448879123020       Parkaging unit     1       Electrical data   Suppy	ETIM-5.0	EC001855
Packaging unit     1       Electrical data [ Supply        Operating voltage AC max.     60 V       Operating voltage AC (Lilletted)     30 V       Operating voltage AC (Lilletted)     4 A       Despece I protociton [Electrical     Inserted, screwed       Politation Digree     1 S Iv/       Additional protection 66664-1)     1       Mechanical data [Material data     Molected       Conting locking     Nickleted       Material pasket     FKM       Material pasket     Inserted, screwed, Shaking protection       Material pasket     Inserted, screwed, Shaking protection       Mounting method     inserted, screwed, Shaking protection       Mounting method     inserted, screwed, Shaking protection       Mounting method     inserted, screwed, Shaking protection       Mounting metho	customs tariff number	85444290
Electrical data   Supply       Operating voltage AC max.     60 V       Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Current operating voltage DC (UL-listed)     30 V       Current operating voltage DC (UL-listed)     30 V       Diagnostic     K       Status indication LED     no       Descree protoction   Electrical     IPES. IPER. IP	GTIN	4048879123020
Operating voltage AC max.     50 V       Operating voltage AC (UL-lisked)     50 V       Operating voltage AC (UL-lisked)     30 V       Operating voltage AC (UL-lisked)     30 V       Operating voltage AC (UL-lisked)     30 V       Current operating per contact max.     4 A       Diagnostics     no       Exits indication LED     no       Design optication (EN ICE 05029)     IPES, IPE7, IPE8, IPE6K       Additional condition protection degree     3       Rate argo voltage     1       Machanica data I Material data     1       Material passing (EC 60684-1)     1       Machanica data I Material data     2/no de-casting       Material passing     PUR       Locking material     Zine de-casting       Material passing     PUR       Locking material     Zine de-casting       Material passing     Sin C       Operating temperature max.     Sin C       Additional condition temperature max.     Sin C       Operating temperature max.     Sin C       Casting temperature max.     Sin C       Contormity     Sin C	Packaging unit	1
Operating voltage DC max:     60 V       Operating voltage AC (UL-lised)     30 V       Operating voltage AC (UL-lised)     30 V       Current operating per contact max.     4 A       Diagnostics     Status indication LED     no       Device protection [Electrica]     Device protection ference     Status indication LD       Device protection [Electrica]     IPesto protection (En IEC 60528)     IPeS, IP67, IP68, IP66K       Additional condition protection degree     insarted, screwed     Pollution Dagree     3       Rated surge voltage     1,5 kV     Material group (IEC 60684-1)     I       Mechanical data   Material data     Cace-casting     Material proup (IEC 60684-1)     I       Mechanical data   Material data     Zn cd-casting     Material paskot     FKM       Material paskot     FKM     Material paskot     Sr C       Operating voltage and theoret screwed, Shaking protection     Environmental characteristics   Climatic       Operating voltage and tar   Mounting data     Sr C     Operating interpretature mix.     85 °C       Operating remorature rime.     25 °C     Operating remorature rime.     25 °C       Operating interpretature rime	Electrical data   Supply	
Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Corrent operating per contact max.     4 A       Diagnostics     no       Status indication LED     no       Device protection   Electrical     Device protection (EN IEC 60629)       Degree of protection (EN IEC 60629)     IPES, IPE7, IPEB, IPERK       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1, S kV       Material group (IEC 60664+1)     1       Mechanical data   Material data     Coating locking       Material properation (En IEC 60629)     IPER       Locking material     Zinc die caating       Mechanical data   Material data     RGM       Material paskt     RGM       Material paskt     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Deprating remover and screwed, Shaking protection       Environmental characteristics   Climatic     Strewed, Shaking protection       Deprating remover and characteristics   Climatic     Btr-C       Operating remover and characteristics   Climatic     Btreweg of cable files. <td>Operating voltage AC max.</td> <td>50 V</td>	Operating voltage AC max.	50 V
Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Corrent operating per contact max.     4 A       Diagnostics     no       Status indication LED     no       Device protection   Electrical     Device protection (EN IEC 60629)       Degree of protection (EN IEC 60629)     IPES, IPE7, IPEB, IPERK       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1, S kV       Material group (IEC 60664+1)     1       Mechanical data   Material data     Coating locking       Material properation (En IEC 60629)     IPER       Locking material     Zinc die caating       Mechanical data   Material data     RGM       Material paskt     RGM       Material paskt     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Deprating remover and screwed, Shaking protection       Environmental characteristics   Climatic     Strewed, Shaking protection       Deprating remover and characteristics   Climatic     Btr-C       Operating remover and characteristics   Climatic     Btreweg of cable files. <td>Operating voltage DC max.</td> <td>60 V</td>	Operating voltage DC max.	60 V
Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Diagnostics     no       Status indication LED     no       Device protection [Electrical     no       Degree of protection (EN IEC 60529)     IP65, IP67, IP68, IP66K       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data [Material data     Coating locking       Coating locking     Nickeled       Material gasket     FKM       Material gasket     FKM       Material gasket     FKM       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics [ Climatic     Coating locking       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Additional condition temperature max.     85 °C       Additional condition temperature max.     85 °C       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.		30 V
Diagnostic       Status indication LED     no       Device protection [Electrical     IER65, IP67, IP68, IP66K       Additional condition protection degree     inserted, screwed       Politation protection degree     3       Rated surge voltage     1,5 kV       Material group (Ele 60684-1)     1       Mechanical data   Material data     Conting       Coating locking     Nickeled       Material group (Ele 60684-1)     1       Mechanical data   Material data     PUR       Locking material     Zinc die-casting       Material housing     PUR       Locking material     Sinc die-casting       Mounting method     inserted, screwed, Shaking protection       Environmetal characteristics   Climatic     Coording on cable quality       Operating temperature man.     45 °C       Additional condition temperature max.     85 °C       Contromity     Proteci the con	Operating voltage DC (UL-listed)	30 V
Status indication LED     no       Degree of protection (EN EC 60529)     IP65, IP67, IP68, IP66K       Additional condition protection degree     isserted, serewed       Pollution Degree     3       Rated surge voltage     1.5 kV       Material group (IEC 60664-1)     1       Hechanical data I Material data     Nickeled       Material gasket     Nickeled       Material gasket     FKM       Material position (IS 100 (IEC 60664-1))     PUR       Locking method     Nickeled       Material housing     PUR       Locking method     inserted, serewed, Shaking protection       Material housing     PUR       Locking method     inserted, serewed, Shaking protection       Protein temperature min.     25 °C       Operating temperature min.     25 °C       Note on strain relief     Poter the connectors by subtele measures from mechanical loads, e.g. by the usage of cable ites.       Note on strain relief     Poteret the connectors by subtele measures from mechanical loads, e.	Current operating per contact max.	4 A
Device protection [Electrical       Degree of protection (EN IEC 60529)     IP65, IP67, IP68, IP66K       Addilianal condition protection degree     inserted, screwed       Pollution Degree     3       Reted surge voltage     1.5 kV       Material group (IEC 60664-1)     1       Mechanical datal [Material data        Coating locking     Nickeled       Material gaset     FKM       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics [Climatiue]     Zinc cle-casting       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Since antrian relief       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be chadragreed by soccessive bending fradi when laying cable	Diagnostics	
Degree of protection (EN IEC 60529)     IP65, IP67, IP68, IP66K       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Coating (IEC 60664-1)       Material group (IEC 60664-1)     1       Mechanical data   Material data     Coating (IEC 60664-1)       Material goaket     FKM       Material goaket     FKM       Material goaket     FKM       Mounting method     Inserted, screwed, Shaking protection       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     -25 °C       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fies.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fies.       Note on bending radius     DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)	Status indication LED	no
Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (EC 6066-1)     1       Mechanical data   Material data     I       Coating looking     Nickeled       Material group (EC 6066-1)     I       Mechanical data   Material data     FKM       Coating looking     Nickeled       Material gasket     FKM       Material pasket     FKM       Material (In Mounting data     Zinc die-casting       Mechanical data   Mounting data     Tice die-casting       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       -28 °C     Operating temperature min.       -28 °C     Operating temperature min.       -28 °C     Operating temperature min.       Additional condition temperature min.     -28 °C       Operating temperature min.     -28 °C       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain relief     DIN EN 61076-2-101 (M12), DIN EN	Device protection   Electrical	
Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (EC 6066-1)     1       Mechanical data   Material data     I       Coating looking     Nickeled       Material group (EC 6066-1)     I       Mechanical data   Material data     FKM       Coating looking     Nickeled       Material gasket     FKM       Material pasket     FKM       Material (In Mounting data     Zinc die-casting       Mechanical data   Mounting data     Tice die-casting       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       -28 °C     Operating temperature min.       -28 °C     Operating temperature min.       -28 °C     Operating temperature min.       Additional condition temperature min.     -28 °C       Operating temperature min.     -28 °C       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain relief     DIN EN 61076-2-101 (M12), DIN EN	Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Polition Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60684-1)     I       Mechanical data   Material data     Coating locking       Cating locking     Nickeled       Material gasket     FKM       Material bousing     PUR       Locking material     Zinc die-casting       Mechanical data   Mounting data     Mechanical data   Mounting data       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coperating temperature max.       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important Installation notes     Material relief       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Attendagreed by excessive bending radii when laying cables, as the IP protection class can be endengreed by excessive bending fraction       Istallation   Cable     20       Cable identification     220       Cable identification     220       Cable identification     220       Cable identification     220		
Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   Coating locking   Nickeled     Material gavet   FKM     Material sket   FKM     Material sket   FKM     Material sket   FKM     Material sket   Income stain (Income stain		
Material group (IEC 60664-1)   I     Mechanical data   Material data     Coating locking   Nickeled     Material gasket   FKM     Material housing   PUR     Locking material   Zinc die-casting     Mechanical data   Mounting data   Mounting method     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     -25 °C   Operating temperature max.     Additional condition temperature max.   85 °C     Additional condition temperature may   depending on cable quality     Important installation notes   Note on bending radius     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.     Condemity   Product standard   DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)     Installation   Cable   220   Cable Type     Cable Identification   220   Cable Type     Que Cable Type   2   Jacket Color   gray     Type of Certificate   cURus   Amount Stranding   1     Material stranding   1   Stranding		1,5 kV
Coating locking     Nickeled       Material gasket     FKM       Material housing     PUR       Locking material     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Goperating temperature min.       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, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product standard       Product standard     20       Cable Identification     220       Cable Identification     220       Cable Identification     21       Type of Certificate     URus       Amount stranding     1       Stranding     3 wires twisted       Wire arrangement     brow, black, blue		I
Material gasket     FKM       Material housing     PUR       Locking material     Zinc die-casting       Mechanical data   Mounting data     Incerted, screwed, Shaking protection       Environmental characteristics   Climatic     Comparing temperature min.       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Material Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product standard       Installation   Cable     220       Cable Identification     220       Cable Identification     220       Cable Identification     210       Type of Certificate     clPus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Traversing distance (C-track)	Mechanical data   Material data	
Material gasket     FKM       Material housing     PUR       Locking material     Zinc die-casting       Mechanical data   Mounting data     Incerted, screwed, Shaking protection       Environmental characteristics   Climatic     Comparing temperature min.       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Material Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product standard       Installation   Cable     220       Cable Identification     220       Cable Identification     220       Cable Identification     210       Type of Certificate     clPus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Traversing distance (C-track)	Coating locking	Nickeled
Locking material   Zinc die-casting     Mechanical data   Mounting data     Mounting method   inserted, screwed, Shaking protection     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.     Conformity   Product standard   DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)     Installation   Cable   220     Cable identification   220     Cable Identification   220     Cable Color   gray     Type of Certificate   CURus     Amount stranding   1     Stranding   3 wires twisted     wire arrangement   brown, black, blue     Traversing distance (C-track)   5 m @ 25 °C   horizontal		FKM
Locking material   Zinc die-casting     Mechanical data   Mounting data     Mounting method   inserted, screwed, Shaking protection     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.     Conformity   Product standard   DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)     Installation   Cable   220     Cable identification   220     Cable Identification   220     Cable Color   gray     Type of Certificate   CURus     Amount stranding   1     Stranding   3 wires twisted     wire arrangement   brown, black, blue     Traversing distance (C-track)   5 m @ 25 °C   horizontal		PUR
Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     C       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 bending radius     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     Product standard       Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)       Installation   Cable     220       Cable identification     220       Cable Type     2       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       wire arrangement     brown, black, blue       Traversing distance (C-track)     5 m @ 25 °C   horizontal		Zinc die-casting
Environmental characteristics   Climatic     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Note on bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Conformity   Product standard     Product standard   DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)     Installation   Cable   220     Cable identification   220     Cable Type   2     Jacket Color   gray     Type of Certificate   cURus     Amount stranding   1     Stranding   3 wires twisted     wire arrangement   brown, black, blue     Traversing distance (C-track)   5 m @ 25 °C   horizontal	Mechanical data   Mounting data	
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.ConformityInstallation I CableProduct standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation I Cable220Cable identification220Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueTraversing distance (C-track)5 m @ 25 °C   horizontal	Mounting method	inserted, screwed, Shaking protection
Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Note on bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Conformity   Product standard   DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)     Installation   Cable   220     Cable identification   220     Cable Identification   220     Cable Color   gray     Type of Certificate   cURus     Amount stranding   1     Stranding   3 wires twisted     wire arrangement   brown, black, blue     Traversing distance (C-track)   5 m @ 25 °C   horizontal	Environmental characteristics   Climatic	
Additional condition temperature range   depending on cable quality     Important installation notes     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Note on bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Conformity   Product standard     Product standard   DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)     Installation   Cable   220     Cable identification   220     Cable Type   2     Jacket Color   gray     Type of Certificate   cURus     Amount stranding   1     Stranding   3 wires twisted     wire arrangement   brown, black, blue     Traversing distance (C-track)   5 m @ 25 °C   horizontal	Operating temperature min.	-25 °C
Important installation notesNote 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.ConformityProduct standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation   CableCable identification220Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueTraversing distance (C-track)5 m @ 25 °C   horizontal	Operating temperature max.	85 °C
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.ConformityProduct standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation   Cable20Cable identification220Cable identification220Cable ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueTraversing distance (C-track)5 m @ 25 °C   horizontal	Additional condition temperature range	depending on cable quality
Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.ConformityProduct standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation   CableCable identification220Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueTraversing distance (C-track)5 m @ 25 °C   horizontal	Important installation notes	
Note on bending radius   endangered by excessive bending forces.     Conformity   DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)     Installation   Cable   220     Cable identification   220     Cable Type   2     Jacket Color   gray     Type of Certificate   cURus     Amount stranding   1     Stranding   3 wires twisted     wire arrangement   brown, black, blue     Traversing distance (C-track)   5 m @ 25 °C   horizontal	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standardDIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)Installation   CableCable identification220Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueTraversing distance (C-track)5 m @ 25 °C   horizontal	Note on bending radius	
Installation   CableCable identification220Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueTraversing distance (C-track)5 m @ 25 °C   horizontal	Conformity	
Cable identification220Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueTraversing distance (C-track)5 m @ 25 °C   horizontal	Product standard	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueTraversing distance (C-track)5 m @ 25 °C   horizontal	Installation   Cable	
Jacket Color gray   Type of Certificate cURus   Amount stranding 1   Stranding 3 wires twisted   wire arrangement brown, black, blue   Traversing distance (C-track) 5 m @ 25 °C   horizontal	Cable identification	220
Type of Certificate   cURus     Amount stranding   1     Stranding   3 wires twisted     wire arrangement   brown, black, blue     Traversing distance (C-track)   5 m @ 25 °C   horizontal	Cable Type	2
Amount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueTraversing distance (C-track)5 m @ 25 °C   horizontal	Jacket Color	gray
Stranding 3 wires twisted   wire arrangement brown, black, blue   Traversing distance (C-track) 5 m @ 25 °C   horizontal	Type of Certificate	cURus
wire arrangement brown, black, blue   Traversing distance (C-track) 5 m @ 25 °C   horizontal	Amount stranding	1
Traversing distance (C-track) 5 m @ 25 °C   horizontal	Stranding	3 wires twisted
Cable weight 26.62 g/m		
	Cable weigth	26,62 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) 4,3 mm		
Tolerance outer diameter (sheath) ± 5 %		
Material wire insulation PVC	Material wire insulation	PVC

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: 2024-05-12

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



Amount wires	3
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	43 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 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	4,5 A
Electrical resistance line constant wire	79 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)	℃ 08
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
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)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter
Travel speed (C-track)	2 Mio. @ 25 °C