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## Y-Distributor M12 male / M12 female 0° A-cod.

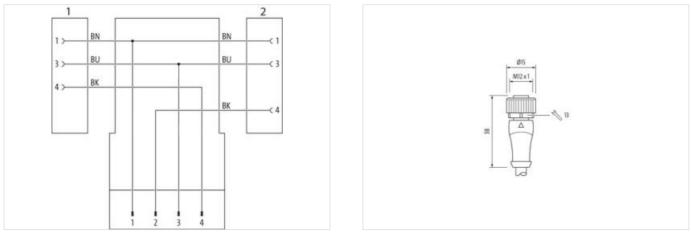
PUR 3x0.34 ye UL/CSA+drag ch. 3m

Y-connector M12 – M12, 4/3-pole Male straight – females straight Art-No. 7005 - M12 Lite - (plastic hexagonal screw) 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. Further cable lengths on request.

## Link to Product

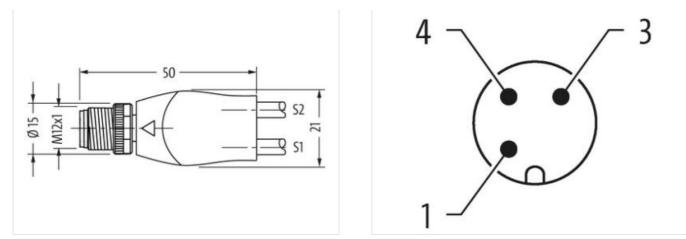
Illustration





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Product may differ from Image



Cable length	3 m
Side 1	
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 Ø)	10 mm
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 3	
Mounting method	inserted, screwed
Family construction form	M12
Coding	A
No. of poles	3
Commercial data	

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: 2024-05-14



ECLASS-7.0     22792919       ECLASS-8.0     2279218       ECLASS-8.0     27060313       ECLASS-10.1     27060313       ECLASS-11.2     27060313       ECLASS-12.0     2706813       ECLASS-12.0     2706813       ECLASS-12.0     2706813       ECLASS-12.0     2706813       ECLASS-12.0     2706813       ECLASS-12.0     2706813       ECLASS-13.1     250 V       Operating voltage Morax     250 V       Operating voltage OCLU-Linect)     30 V       Deperating vol	ECLASS-6.0	27279218
ECA.SS 9.02000011ECA.SS 9.0.127000013ECA.SS 11.127000013ECA.SS 12.027000013ECA.SS 12.027000013ECA.SS 12.010000055calors tamf undar01000055calors tamf undar0100000000000000000000000000000000000	ECLASS-7.0	27279218
ECA.SS 10.1     27000313       ECA.SS 12.0     27000313       ETM.5.0     ECO01855       outsmit furth number     8544420       OTM     404857915740       Packaging unit     1       Electrical all Supply     Electrical all Supply       Operating voltage AC max.     250 V       Operating voltage DC (UL-lessed)     30 V       Current operating per contat max.     4 A       Diagnostice        Stata indication LED     no       Installation Connection     Mile x 1       Device protection [Electrical        Additional condition protection [Electrical        Metael agong IC (UL-lessed)     2,5 KV       Metael agong IC (BoBE-1)     1       Metael agong IC (BoBE-1)     1       Metael agong IC (BoBE-1)     1       Metael agong IC (BoBE-1)     1 </td <td>ECLASS-8.0</td> <td>27279218</td>	ECLASS-8.0	27279218
ECLASS-11.1     2060013       ECLASS-12.0     2060013       ECLASS-12.0     2060013       ECLASS-12.0     EC001655       custors strift number     65444290       GTN     404827157940       Packaging unit     1       Electrical data I Supply     Comparing voltage AC max.       Operating voltage AC max.     250 V       Operating voltage AC (UL-listed)     30 V       Device protection [ Electrical     Naterial condition (Pathetina AC (Pathetina)       Mauring agas voltage     2.5 kV       Material agavov	ECLASS-9.0	27060311
ECLASS 12.0 2700319   ETM-5.0 ECO0185   customs tarff number 8544200   GTN 404837915740   Packarjng unim 1   Electrical data   Supply    Operating voltage AC max. 250 V   Operating voltage DC max. 30 V   Corrent operating voltage DC max. 4 A   Desting voltage AC (UL-listed) 30 V   Corrent operating voltage DC (UL-listed) 30 V   Corrent operating voltage DC (UL-listed) 30 V   Desting tornet Constang PC constal max. 4 A   Desting tornet Constang PC constal max. 5 C   Additional constal pC constal. 7 C   Additional constal pC constal max. 5 C   Casing tornet Constang Constal max. 5 C   Coperating tornet Constang Constal max. 5 C <td>ECLASS-10.1</td> <td>27060313</td>	ECLASS-10.1	27060313
ETM 5.0     EC0018SS       customs tartif number     6544290       GTIN     4048279240       Packaging unit     1       Electrical data [Supply     Coperating voltage AC max.       Operating voltage AC max.     250 V       Operating voltage AC (UL-listed)     30 V       Current operating voltage AC (UL-listed)     30 V       Extus indication LED     no       Instillation I Connection     Moving at       Device protection J Electrical     Instillation I Connection       Bevice protection J Electrical     instruction screwed       Pollution pagree     3       Rated surge voltage     2.5 kV       Material group (EC 60664-1)     1       Hechanic data I Material data     Since data screwed       Coating of fitting     nickel ped       Coating of fitting     nickel pidated       Material group (EC 60664-1)     I       Material group (EC 60664-1)     I       Co	ECLASS-11.1	27060313
Dustoms bailf number     85444290       GTIN     4048979157940       Packangin unit     1       Electrical data i Supply        Operating voltage AC max.     250 V       Operating voltage DC Max.     4 A       Diagnostics        Status Indication LED     no       Installation Connection        Mouting set     M12 x 1       Device protection   Electrical        Additional condition protection degree     inserted, screwed       Publicin Digree     3       Rated agree voltage     2.5 NV       Material grace (LEC 66664-1)     I       Material grasole     FM4	ECLASS-12.0	27060313
GTIN 4048879167940   Packaigin unit 1   Packaigin unit 1   Operating voltage AC max. 250 V   Operating voltage AC max. 250 V   Operating voltage AC (UL-listed) 30 V   Operating voltage AC (UL-listed) no   Installation (Connection Installation (Connection Electrical   Polution Degree 3   Radiad sourd voltage 2.8 kV   Material group (EC 60666-1) 1   Polution Degree 3   Radiad sourd voltage 2.8 kV   Material group (EC 60666-1) 1   Nechanical data [Material data Contention   Coating tocking Nickeled   Coating tocking Nickeled   Coating to fitting nickel plated   Material gasket FKM   Locking tocking to more to the casting   Material gasket (A 100000000000000000000000000000000000	ETIM-5.0	EC001855
Packaging unit     1       Electrical data   Supply	customs tariff number	85444290
Electrical data   Supply     Operating voltage AC max.     250 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     4 A       Deprote Protection Filter Voltage     no       Installion I Connection     No       Device protection I Electrical     No       Device protection I Electrical     No       Device protection I Electrical     1       Media locondition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     2,5 kV       Material group (EC 60664-1)     1       Mechanical data   Material data     Kokeld       Coating of filting     nickel plated       Material group concortion     Zine di- casting       Material group concortion     Zine di- casting       Material group concolton <td>GTIN</td> <td>4048879157940</td>	GTIN	4048879157940
Operating voltage AC max.     250 V       Operating voltage AC (UL listed)     30 V       Diagnostics     no       Stuts indication LED     no       Installation   Connection     Instellation   Connection       Additional condition protection degree     inserted, screwed       Politation Degree     3       Rated auge voltage     2.5 kV       Material agrauge (Lot 6064-1)     1       Mechanical data   Material data     Moleck       Coating on tilting     nickel plated       Material grauge xvoltage     2.5 kV       Material grauge voltage     2.5 kV       Material grauge voltage     2.5 kV       Material grauge voltage     2.6 kV       Material grauge voltage     2.6 kV       Material grauge voltage     2.5 kV       Coating on tilting     nickel plated       Material grauge voltage     2.6 kV       Material grauge	Packaging unit	1
Operating voltage DC max.     250 V       Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Diagnostics     Status indication LED     no       Installation   Connection     Maximum     Maximum       Device protection   Electrical     Maximum     Maximum       Additionin protection degree     installation indication protection degree     3       Rated surge voltage     2.5 kV     Material group (IEC 6064-1)     1       Mechanical data   Material data     Coaling locking     Coaling locking     Maximum       Coaling locking     Nickeled     Coaling locking     Maximum       Coaling locking     Nickeled     Material gasket     FKM       Locking material     Zinc die-casiing     Material gasket     FKM       Mounting method     inseried, screwed, Shaking protection     Material screw connection     Zinc die-casiing       Methail gasket     FKM     Coaling locking     Coaling locking     Material screw connection       Coreating temperature max.     68 °C     Coaling locking perature max.	Electrical data   Supply	
Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Diagnostics     Status indication LED     no       Installation   Connection     M12 x 1     Device protection   Electrical       Additional condition protection degree     inserted, screwed     Polluton Degree     3       Rated surge voltage     2,5 kV     Material group (IEC 8064-1)     1       Mechanical data   Material data     Coating locking     Nickeled     Coating locking     Coat	Operating voltage AC max.	250 V
Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Diagnostics     no       Istas indication LED     no       Installation I Connection     Mounting set     M12 x 1       Device protection I Electrical     Additional condition protection degree     inserted, screwed       Pollution Degree     3     Rate disuge voltage     2.5 kV       Material group (EC 60664-1)     I     Mounting set     FM       Coating locking     Nickeled     Coating of fitting     nickel plated       Material gaset     FKM     Coating of fitting     nickel plated       Material asset     FKM     Coating of fitting     nickel plated       Material asset     FKM     Coating of fitting     nickel plated       Material asset     FKM     Coating of thing     nickel plated       Mounting method     Insereted,	Operating voltage DC max.	250 V
Current operating per contact max.     4 A       Diegnostics     Status indication LED     no       Installation   Connection     M12 x 1       Device protection   Electrical     Additional condition protection degree     inserted, sorewed       Pollution Degree     3     Readed surge voltage     2.5 kV       Material group (IEC 60664-1)     1     Image: Contact max.     Mechanical data   Material data       Coating of thing     Nickeled     Coating of thing     Nickeled       Coating of thing     Nickeled     Coating of thing     Mickeled       Coating of thing     Nickeled     Coating     Mickeled       Coating of thing     Nickeled     Coating of thing     Mickeled       Coating of thing     Nickeled     Coating of thing     Mickeled       Coating of thing     Nickeled     Coating of thing     Mickeled       Coating of thing metorid	Operating voltage AC (UL-listed)	30 V
Diagnostics       Status indication LED     no       Installation Connection     Installation Connection       Mounting set     M12 x 1       Device protection / Electrical     Additional condition protection degree       Additional condition protection degree     inserted, screwed       Politation Degree     3       Rated surge voltage     2.5 kV       Material group (EC 6068-1)     1       Mechanical data   Material data     Coating of fitting       Coating of fitting     nickel plated       Material gasket     FKM       Locking material     Zinc die-casting       Material gasket     FKM       Mounting method     inserted, screwed, Shaking protection       Evering temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Additional condition temperature max.     85 °C       Note on stain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tiles.       Note on stain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tiles.       Note on b	Operating voltage DC (UL-listed)	30 V
Status indication LED no   Installation I Connection Mounting set M12 x 1   Device protection I Electrical Inserted, screwed   Additional condition protection degree inserted, screwed   Pollution Degree 3   Rated surge voltage 2,5 kV   Material group (IEC 60664-1) 1   Mechanical data   Material data Coating locking   Coating locking Nickeled   Coating locking Nickelegating   Moutting method Inserted, screwed, Shaking prot	Current operating per contact max.	4 A
Installation   Connection       Mouning set     M12 x 1       Device protection   Electrical     Inserted, screwed       Additional condition protection degree     Inserted, screwed       Pollution Degree     3       Rated surge voltage     2,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Coating of fitting       Coating of fitting     Nickeled       Coating of fitting     Nickeled       Coating of fitting     Nickeled       Locking material     Zinc die-casting       Material ascrew connection     Zinc die-casting       Material ascrew connection     Zinc die-casting       Mounting method     inserted, screwed, Shaking protection       Portating 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 shain relef     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on shain relef     DIN EN 61076-2-101 (M	Diagnostics	
Mounting set     M12 x 1       Device protection   Electrical       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     2,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Coating of fitting     Nickeled       Coating of fitting     Nickeled     Coating of fitting     Nickeled       Material gasket     FKM     Coating of fitting     Nickeled       Locking material     Zinc clie-casting     Material gasket     FKM       Locking material     Zinc clie-casting     Material gasket     FKM       Mechanical data   Mounting data     Inserted, screwed, Shaking protection     Environmental characteristics   Climatio       Methal condition temperature min.     -25 °C     Operating temperature max.     85 °C       Addition condition temperature range     depending on cable quality     Note on start 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 occessive bending forcces.     Coating in when laying cables	Status indication LED	no
Device protection   Electrical       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     2,5 kV       Material group (EC 60664-1)     1       Mechanical data   Material data     Coating locking     Nickeled       Coating locking     Nickeled     Coating locking       Coating dot fitting     nickel plated     Material gasket       Material gasket     FKM     Coating anterial       Locking material     Zinc die-casting     Material screw connection       Material screw connection     Zinc die-casting     Material screw connection       Material screw connection     Zinc die-casting     Material screw connection       Material screw connection     Sinc die-casting     Material screw connection       Material screw connection     Sinc die-casting     Material screw connection       Material screw connectors   Sinc die-casting     Material screw connection     Sinc die-casting       Material screw connectors   Sinc die-casting     Material screw connectors   Sinc die-casting     Sinc die-casting       Material screw connectors   Sinc die-casting     Generatin streating temperature max.     85 °C <td>Installation   Connection</td> <td></td>	Installation   Connection	
Additional condition protection degree inserted, screwed   Pallution Degree 3   Rated surge voltage 2,5 kV   Material group (IEC 60664-1) 1   Mechanical data   Material data ////////////////////////////////////	Mounting set	M12 x 1
Pollution Degree   3     Rated surge voltage   2,5 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   Coating of fitting     Coating of fitting   nickel plated     Material gasket   FKM     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Material screw connection   Zinc die-casting     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     -25 °C   Operating temperature max.     A65 °C   Additional condition temperature range     depending on cable quality   Important installation notes     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Note on bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Conformity   Installation 1033     Cable Type   3     Jacket Color   yellow     Type of Certificate   cURus	Device protection   Electrical	
Rated surge voltage   2,5 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   Coating locking   Nickeled     Coating locking   nickeled   Coating locking     Material gasket   FKM   Coating locking     Material gasket   FKM   Coating locking     Material gasket   FKM   Coating locking     Material screw connection   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 max.     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Note on bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Conformity   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Note on bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Conformity   Protect the connectore by suit	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1)   I     Mechanical data   Material data     Coating locking   Nickeled     Coating of fitting   nickel plated     Material gasket   FKM     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Mounting data     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     -25 °C   Operating temperature max.     A5 °C   Additional condition temperature range     depending on cable quality   Important installation notes     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Note on bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Conformity   Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable   Cable interficiention   033     Cable oftype   3   Jacket Color   yellow     Type of Certificate   cURus   Cull Rus   Cull Rus   Cull Rus	Pollution Degree	3
Material group (IEC 60664-1)   I     Mechanical data   Material data     Coating locking   Nickeled     Coating of fitting   nickel plated     Material gasket   FKM     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Mounting data     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     -25 °C   Operating temperature max.     A5 °C   Additional condition temperature range     depending on cable quality   Important installation notes     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Note on bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Conformity   Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable   Cable interficiention   033     Cable oftype   3   Jacket Color   yellow     Type of Certificate   cURus   Cull Rus   Cull Rus   Cull Rus	Rated surge voltage	2,5 kV
Coating locking     Nickeled       Coating of fitting     nickel plated       Material gasket     FKM       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       -25 °C     Operating temperature max.       Abtitional 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.       Conformity     Installation [Cable       Cable clientification     03       Cable Type     3       Jacket Color     yellow       Type of Certificate     cURus		1
Coating of fitting   nickel plated     Material gasket   FKM     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Mounting data     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     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.     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endagreed by excessive bending forces.     Conformity   Product standard     Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable   3     Cable identification   033     Cable Color   yellow     Type of Certificate   cURus	Mechanical data   Material data	
Material gasket     FKM       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Comportant installation inserted, screwed, Shaking protection       Operating temperature min.     -25 °C       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       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     Gable induitication       Cable induitication     033       Cable Color     yellow       Type of Certificate     cURus	Coating locking	Nickeled
Locking material   Zinc die-casting     Material screw connection   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 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 class can be endangered by excessive bending forces.     Conformity   Product standard     Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable   Cable identification     Cable identification   033     Cable Color   yellow     Type of Certificate   cURus	Coating of fitting	nickel plated
Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Constraint       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.       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.       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     Cable identification     033       Cable identification     93     3       Jacket Color     yellow     3	Material gasket	FKM
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        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)       Installation   Cable        Cable identification     033       Cable Type     3       Jacket Color     yellow       Type of Certificate     cURus	Locking material	Zinc die-casting
Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     -25 °C       Operating temperature min.     -25 °C       Additional condition temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes        Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity        Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable        Cable identification     033       Cable Type     3       Jacket Color     yellow       Type of Certificate     cUIRus	Material screw connection	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   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.     Conformity   Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable   Cable identification   033     Cable identification   033   Cable Type     Jacket Color   yellow   yellow     Type of Certificate   cURus	Mechanical data   Mounting data	
Operating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityImportant 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 standardProduct standardDIN EN 61076-2-101 (M12)Installation   Cable033Cable identification033Cable Type3Jacket ColoryellowType of CertificatecURus	Mounting method	inserted, screwed, Shaking protection
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.     Conformity   Product standard     DIN EN 61076-2-101 (M12)   Installation   Cable     Cable identification   033     Cable Type   3     Jacket Color   yellow     Type of Certificate   cURus	Environmental characteristics   Climatic	
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.     Conformity   Product standard     DIN EN 61076-2-101 (M12)   Installation   Cable     Cable identification   033     Cable Type   3     Jacket Color   yellow     Type of Certificate   cURus	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)Installation   CableCable identification033Cable Type3Jacket ColoryellowType of CertificatecURus	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.ConformityInstallation   CableProduct standardDIN EN 61076-2-101 (M12)Installation   Cable033Cable identification033Cable Type3Jacket ColoryellowType of CertificatecURus	Additional condition temperature range	depending on cable quality
Note on bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Conformity   Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable   O33     Cable identification   033     Cable Type   3     Jacket Color   yellow     Type of Certificate   cURus	Important installation notes	
Installation endangered by excessive bending forces.   Conformity DIN EN 61076-2-101 (M12)   Installation   Cable O33   Cable identification O33   Cable Type 3   Jacket Color yellow   Type of Certificate cURus	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)Installation   CableCable identification033Cable Type3Jacket ColoryellowType of CertificatecURus	Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Installation   Cable   Cable identification 033   Cable Type 3   Jacket Color yellow   Type of Certificate cURus	Conformity	
Cable identification033Cable Type3Jacket ColoryellowType of CertificatecURus	Product standard	DIN EN 61076-2-101 (M12)
Cable Type 3   Jacket Color yellow   Type of Certificate cURus	Installation   Cable	
Jacket Color yellow   Type of Certificate cURus	Cable identification	033
Type of Certificate cURus	Cable Type	3
	Jacket Color	yellow
Amount stranding 1	Type of Certificate	cURus
	Amount stranding	1

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Stranding	3 wires twisted
wire arrangement	brown, black, blue
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Cable weigth	29,7 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)	4,1 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1,25 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
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 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	6 A
Electrical resistance line constant wire	57 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	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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