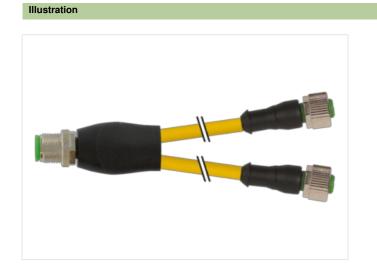


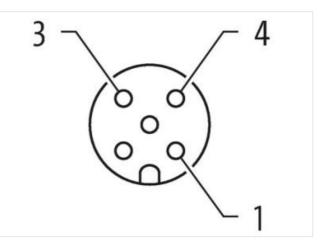
## Y-Distributor M12 male / M12 female 0° A-cod.

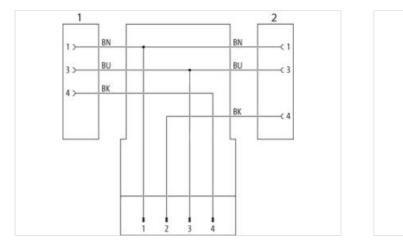
PVC 3x0.34 ye UL/CSA 3m

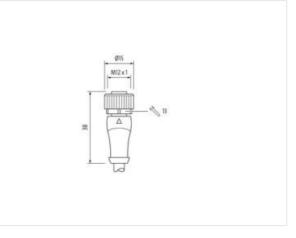
Y-connector M12 – M12, 4/3-pole Male straight – females straight Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product



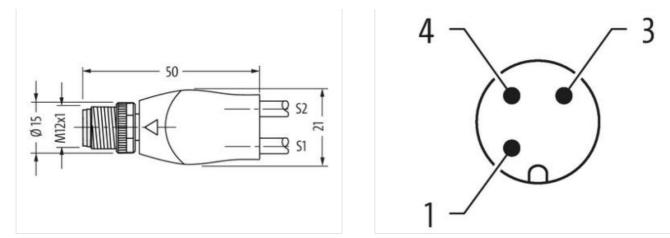






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-02





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: 2024-05-02



ECLASS-7.0       2229218         ECLASS-8.0       2229218         ECLASS-8.0       2700013         ECLASS 51.0       2700013         ECLASS 51.1       2700013         ECLASS 51.20       2700013         ECLASS 51.1       2700013         CONTA       404887150077         Packaging unt       1         Electrical datal Supply       Operating voltage AC Max.         Operating voltage AC Max.       280 V         Operating voltage AC Max.       280 V         Operating voltage AC Max.       280 V         Operating voltage AC UL-listed       30 V         Device protectin   Electrical       Marcel         Actilistical contents       Marcel         Marcel and protectin o dignee       3         Actilisti la Marcel	ECLASS-6.0	27279218
ECLASS 9.0       2000313         ECLASS 10.1       2000313         ECLASS 11.1       27000313         ECLASS 12.0       ECOS1055         oadors unif mubor       0644290         Oators unif mubor       4444290         Operating values AC max.       250 V         Operating values CO (U. Isteed)       30 V         Operating values CO (U. Isteed)       30 V         Operating values CO (U. Isteed)       30 V         Status indecident ED       no         Istatus indecident ED       no         Istatus indecident ED       no         Status indecident ED       1         Medicin Depres       2.5 kV         Addition Depres       2.5 kV         Addition protecon Secon Secon	ECLASS-7.0	27279218
ECLASS 10.1       27000313         ECLASS 12.0       27000313         ETMA 5.0       ECD01855         outsmarts full mumber       8544240         OTTM       404879158077         Packaging unit       1         Electrical and Supply       Electrical and Supply         Operating voltage AC max.       250 V         Operating voltage DC cUL-taked)       30 V         Current operating per contat max.       4 A         Diagnostics       To         Installation IC Domection       No         Installation I protection [lectrical       AC         Additional condition protection dignee       instands, orewed         Pollition Degree       3         Reted argoung (FoGBA-1)       1         Mechanical data [Naterial data       Calcular dodating         Coaling otching       Nockold         Coaling otching       Nockold         Coaling otching	ECLASS-8.0	27279218
ECLASS-11.1       2964933         ECLASS-12.0       27669313         ECLASS-12.0       27669313         ECLASS-12.0       EC001855         cuators staff number       65444290         GTIM       404837158077         Pachaging unit       1         Electrical data [Sappi)       Corporating voltage AC max.         Operating voltage AC ILL-lated       20 V         Operating voltage AC (LL-lated)       30 V         Current Operating architege DC (LL-lated)       30 V         Operating voltage AC (LL-lated)       30 V         Current Operating architege CC (LL-lated)       30 V         Current Operating architege AC max.       4 A         Diagnostic          Status indication LED       no         Installation [Connection       Instaffet, Sonewed         Polution Depreterion I Restretal       Material grass ontage         Additional condition protection degree       instaffet, Sonewed         Polution Depreterion       1         Material grass ontage       25 KV         Material grass ontage       25 KV         Material grass ontage       70 ac de casting         Material grass ontage       FMA	ECLASS-9.0	27060311
ECLASP 12.0   27060313     ETM-8.0   ECCO0185     exitoms tarff mumber   8544200     GTN   4048079159077     Peskaging umi   1     Electrical data   Supply	ECLASS-10.1	27060313
ETM-5.0       EC001855         automs staff number       85444290         GTIN       4048973 9077         Packagny und       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         Extris indication LED       no         Installation I Connection       Moving adt         Moving adt       M12 x 1         Device protection [Electrical       Electrical data Idea Material data         Casing locing protection degree       3         Rated surge voltage       2.5 kV         Material graph       Nickeled         Casing locing       Nickeled         Casing locing laskit       FRM         Casing locing titting       Instered surge voltage         Varie disceve connection       Zine de-casing         Material gaskit       FRM         Coding natrisit       Si	ECLASS-11.1	27060313
autions tariff number       8544420         GTN       40487756077         Packaging unit       1         Electrical data   Supply          Operating voltage AC max.       250 V         Operating voltage DC max.       30 V         Corrent operating por contact max.       4 A         Diagnostics          Status indication LED       no         Installation   Connection          Mouring set       M12 x 1         Device protection   Electrical          Additional condition protection degree       inserted, screwed         Politaion Degree       3         Reted surge voltage       2,5 kV         Material grave, ticke Botted-1)       1         Mechanical data Hadring datak       FKM         Coating Oching       Nickelad         Coating Otifing       nickel plated         Material grave woltage       2,5 kV         Material grave woltage       7:0 die-casting         Operating ingreemating in the Kelad	ECLASS-12.0	27060313
GTIN   4048879158077     Packaging unit   1     Electrical callan   Supply   Coperating voltage AC max.   250 V     Operating voltage AC max.   250 V     Operating voltage AC (LL-listed)   30 V     Current operating par contact max.   4 A     Desponsite   Image: Comparising par contact max.     Status indication LED   no     Installion   Connection   Image: Comparising par contact max.     Device protection   Electrical   Image: Comparising par contact max.     Additional condition protection degree   inserted, serewed     Pollution Degree   3     Ratef aurge voltage   2.8 kV     Material group (EC 60060-1)   1     Mechanical data   Material data   Contage voltage     Coaring dofting   Nickeled     Coaring dofting   Nickeled     Coaring dofting   Nickel group     Material group (EC 60061-1)   1     Material scow connection   Zine die-casting     Material scow connection   Zine die-casting     Material scow connection   Zine die-casting     Operating lemporature min.   28 °C <td>ETIM-5.0</td> <td>EC001855</td>	ETIM-5.0	EC001855
Packaging unit       1         Electrical datal Suppy	customs tariff number	85444290
Electrical data   Supply       Coperating voltage AC max.       250 V         Operating voltage AC (UL-listed)       30 V       Coperating voltage AC (UL-listed)       30 V         Operating voltage AC (UL-listed)       30 V       Comment operating per contact max.       4 A         Diagnostic       Testilization ICD       no       Testilization ICD       Testilization ICD         Installation I Connection       M2 x 1       Develop protection I Electrical       Testilization ICD         Polision Degree       3       Status indication I Electrical       Testilization ICD       Testilization ICD         Additional condition protection degree       inserted, screwed       Polizion Degree       3         Polizion Degree       3       Status indication ICD       Testilization ICD         Atterial group (IEC 60664-1)       1       Testilization ICD       Testilization ICD         Coating Of Tifing       nickel plated       Material group (IEC 60664-1)       Testilization ICD         Material group (IEC 60664-1)       1       Testilization ICD       Testilization ICD         Coating Of Tifing       nickel plated       Material group (IEC 60664-1)       Testilization ICD         Material group (IEC 6066451)       Inserted, screwed, Shaking protection	GTIN	4048879158077
Operating voltage AC max.       250 V         Operating voltage AC (UL-listed)       30 V         Operating voltage AC (UL-listed)       30 V         Operating voltage AC (UL-listed)       30 V         Current operating per contact max.       4 A         Diagnostics       no         Stuts indication LED       no         Installation I Connection       M12 x 1         Device protection I Electrical       A         Additional contition protection degree       inserted, screwed         Pollution Degree       3         Rated acurge voltage       2,5 KV         Material group (IEC 66664-1)       1         Mechanical data J Material data       Protectorical data         Material group (IEC 66664-1)       1         Material group (IEC 66664-1)       1<	Packaging unit	1
Operating voltage DC max.       250 V         Operating voltage AC (UL-listed)       30 V         Current operating per contact max.       4 A         Dispositics       Image: Contact max.         Status indication LED       no         Installation [Connection       Image: Connection Connection         Mounting set       M12 x 1         Device protection [Electrical       Addition protection degree         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       2,5 kV         Material group (IEC 60064-1)       1         Mechanical data [Material data       Coating locking         Coating locking       Nickeled         Coating locking       Nickeled         Coating locking       Nickeled         Coating locking       Nickeled         Material gasket       FKM         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       Zinc die-casting         Material presture max.       85 °C         Additional condition temperature max.       85 °C         Operating te	Electrical data   Supply	
Operating voltage DC max.       250 V         Operating voltage AC (UL-listed)       30 V         Current operating per contact max.       4 A         Dispositics       Image: Contact max.         Status indication LED       no         Installation [Connection       Image: Connection Connection         Mounting set       M12 x 1         Device protection [Electrical       Addition protection degree         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       2,5 kV         Material group (IEC 60064-1)       1         Mechanical data [Material data       Coating locking         Coating locking       Nickeled         Coating locking       Nickeled         Coating locking       Nickeled         Coating locking       Nickeled         Material gasket       FKM         Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Material screw connection       Zinc die-casting         Material presture max.       85 °C         Additional condition temperature max.       85 °C         Operating te	Operating voltage AC 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         Status indication LED       no         Installation   Connection       M12 x 1         Device protection   Electrical       Additional condition protection degree         Additional condition protection degree       3         Rated surge voltage       2.5 kV         Material group (IEC 80864-1)       1         Mechanical data   Material data       Coating locking         Coating locking       Nickeled         Coating locking       Nickeled         Coating locking       Nickeled         Coating locking       Nickeled         Material gaskot       FKM         Locking material       Zinc die-casting         Material gaskot       FKM         Derating lomperature max.       85 °C         Operating lomperature max.       85 °C         Addition rodes       Attendage of cable ites.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.         Note on strain relief		250 V
Current operating per contact max.     4 A       Diegnostics       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, sorewed       Pollution Degree     3       Rated surge voltage     2.5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Coating of filing       Coating of filing     mickel plated       Material gasket     FKM       Locking material     Zinc die-casting       Material gasket     FKM       Material gasket     Zinc die-casting       Material group material     Zinc die-casting       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.     -25 °C       Operatin installation notes     Si S°C     Additional condition temperature max.     85 °C       Additional condition temperature main.     -25 °C     Operatin installation notes     Mounting method     Inserted, screwethe permissible bending radi when laying cables,		30 V
Diagnostics         Status indication LED       no         Installation Connection       Installation Connection         Mounting set       M12 x 1         Device protection [Electrical       Inserted, screwed         Additional condition protection degree       isserted, screwed         Pollution Degree       3         Rated surge voltage       2,5 kV         Material group (EGe 60664-1)       1         Mechanical data [Material data       Coating of fitting         Coating of fitting       nickel plated         Material grave, Cle 60664-10       1         Mechanical data [Material data       Coating of fitting         Coating of fitting       nickel plated         Material grave       FM         Locking material       Zinc die- caating         Material grave       Ref         Mounting method       inserted, screwed, Shaking protection         Evitorimental characteristics   Climatic       Coating of nice representation and coating of the permistive main.         Operating temperature main.       -25 °C         Operating temperature main.       -25 °C         Operating temperature main.       -25 °C         Operating temperature main.       -25 °	Operating voltage DC (UL-listed)	30 V
Status indication LED   no     Installation   Connection     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 locking   Nickeled     Coating locking   Nickele plated     Material gasket   FKM     Locking method   inserted, screwed, Shaking protection     Material gasket   FKM     Coating locking   Nickeled     Material screw connection   Zinc die-casting     Material screw connection   Zinc die-casting     Mouting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatio   Zinc die-casting     Mouting lemperature max.   85 °C     Operating temperature max.   455 °C <td>Current operating per contact max.</td> <td>4 A</td>	Current operating per contact max.	4 A
Status indication LED   no     Installation   Connection     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 locking   Nickeled     Coating locking   Nickele plated     Material gasket   FKM     Locking method   inserted, screwed, Shaking protection     Material gasket   FKM     Coating locking   Nickeled     Material screw connection   Zinc die-casting     Material screw connection   Zinc die-casting     Mouting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatio   Zinc die-casting     Mouting lemperature max.   85 °C     Operating temperature max.   455 °C <td>Diagnostics</td> <td></td>	Diagnostics	
Installation   Connection         Mounting 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       nickele plated         Material gasket       FKM         Locking material       Zinc die-casting         Material garce voltage       2         Material gasket       FKM         Locking material       Zinc die-casting         Material garce voltage       1         Mounting method       inserted, screwed, Shaking protection         Environmetial characteristics   Climatic       Coating of nisserted, screwed, Shaking protection         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important Installation notes       Note on stain relief         Note on shain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of		no
Mounting set       M12 x 1         Device protection   Electrical         Additional condition protection degree       inserted, scrawed         Pollucion 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       Nickel plated       KM         Locking material       Zinc die-casting       Material gasket       FKM         Devention flation notes       Zinc die-casting       Material gasket       FKM         Mechanical data   Mounti		
Device protection   Electrical         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       Coating (ICE 60664-1)         Coating locking       Nickeled         Coating of fitting       nickel plated         Material gasket       FKM         Locking material       Zino die-casting         Material gasket       FKM         Locking material       Zino die-casting         Material gasket       FKM         Mounting material       Zino die-casting         Mechanical data   Mounting data       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Climatic         Operating temperature max.       85 °C         Additional condition temperature max.       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Dive on strain relief		
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     Nickeled       Coating of fitting     nickel plated     Material gasket       Material gasket     FKM     Inc die-casting       Material greew connection     Zinc die-casting       Material serew connection     Zinc die-casting       Material serew connection     Zinc die-casting       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 strain relief     Portect the permissible bending radii when laying cables, as the IP protection class can be ending forces.       Conformity     Envioremental characteriation     DIN EN 61076-2-101 (M12)       Installation   Cable     Cable fortpice     1       Cable Type     1 <td>Mounting set</td> <td>M12 x 1</td>	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       Mechanical data   Mounting data     Mounting method       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       -25 °C     Operating temperature max.       A65 °C     Operating temperature max.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties	Device protection   Electrical	
Rated surge voltage     2,5 kV       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 method       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature main.       -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     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 for 2-101 (M12)       Installation   Cable     Cable Type       Cable Type     1 <td>Additional condition protection degree</td> <td>inserted, screwed</td>	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1)     I       Mechanical data   Material data     Coating locking     Nickeled       Coating locking     Nickeled     Coating locking       Material gasket     FKM     Coating material       Cooking material     Zinc die-casting     Coating material       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature max.     85 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     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 right of the color on set on	Pollution Degree	
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 method         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       Material condition temperature range         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         Product standard       DIN En 61076-2-101 (M12)         Installation   Cable       1         Cable riype       1         Jacket Color       yellow         Type of Certificate       CURus		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         Methanical data   Mounting data       Inserted, screwed, Shaking protection         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       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Contomity       Product standard         Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       Cable rype         Cable rype       1         Jacket Color       yellow         Type of Certificate       culRus	Material group (IEC 60664-1)	I
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.       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 endangered by excessive bending forces.       Conformity     Product standard       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     1       Cable identification     013       Cable Type     1       Jacket 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       Coperating 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       013         Cable Type       1       Jacket Color       yellow         Type of Certificate       cURus       cURus       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 max.     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.       Conformity     Installation   Cable       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     Cable identification       Cable identification     013       Cable Clor     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     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.       Conformity     Installation   Cable       Cable identification     013       Cable identification     013       Cable Type     1       Jacket Color     yellow       Type of Certificate     cURus	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     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     DIN EN 61076-2-101 (M12)       Installation   Cable     Cable identification       Cable identification     013       Cable IType     1       Jacket Color     yellow       Type of Certificate     cURus	Locking material	Zinc die-casting
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     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.       Conformity     Product standard       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     Cable identification       Cable identification     013       Cable Color     yellow       Type of Certificate     cURus	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     013       Cable identification     013     Cable Type       Jacket Color     yellow     yellow       Type of Certificate     cURus	Mechanical data   Mounting data	
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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)       Installation   Cable     Cable identification       Cable identification     013       Cable Type     1       Jacket Color     yellow       Type of Certificate     cURus		
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endangered by excessive bending forces.     Conformity     Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable     Cable identification   013     Cable Type   1     Jacket Color   yellow     Type of Certificate   cURus		
Product standardDIN EN 61076-2-101 (M12)Installation   CableCable identification013Cable Type1Jacket ColoryellowType of CertificatecURus	Note on bending radius	
Installation   Cable       Cable identification     013       Cable Type     1       Jacket Color     yellow       Type of Certificate     cURus	Conformity	
Cable identification013Cable Type1Jacket ColoryellowType of CertificatecURus	Product standard	DIN EN 61076-2-101 (M12)
Cable Type   1     Jacket Color   yellow     Type of Certificate   cURus	Installation   Cable	
Jacket Color   yellow     Type of Certificate   cURus	Cable identification	013
Type of Certificate cURus	Cable Type	1
	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
Cable weigth	34,1 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	4,6 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	3
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
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 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	0° 08
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	0° 08
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

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