

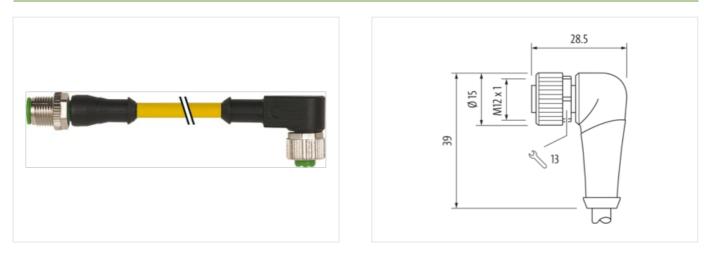
## M12 male 0° / M12 female 90° A-cod.

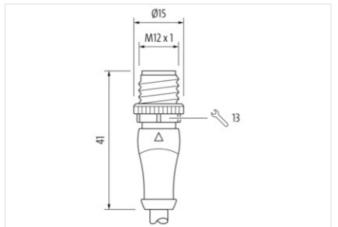
PVC 4x0.34 ye UL/CSA 0.6m

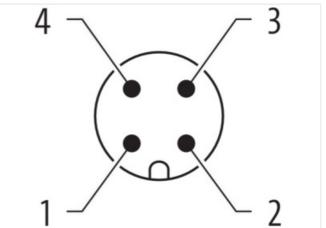
Art.No.: 7000-40121-0140060 Weight: 0.048 Country of origin: US Model designation: MSDL0-A-T014\_0.6

## Link to Product

Illustration

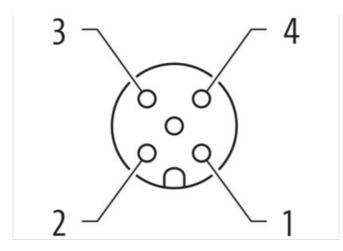


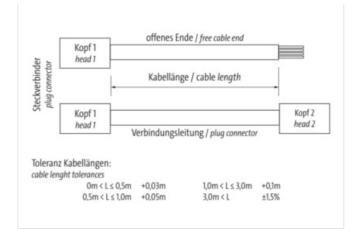




The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2025-08-07









Product may differ from Image



leader
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Header	
Cable length	0.6 m
Side 1	
Family construction form	M12
Mounting method	inserted, screwed
Thread	M12 x 1
Tightening torque	0.6 Nm
Width across flats	SW13
suitable for corrugated tube (internal $\emptyset$ )	10 mm
Material	PUR
Degree of protection (EN IEC 60529)	IP67, IP66K, IP65
Side 2	
Family construction form	M12
Mounting method	inserted, screwed
Thread	M12 x 1
Tightening torque	0.6 Nm
Width across flats	SW13
suitable for corrugated tube (internal $\emptyset$ )	10 mm

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: 2025-08-07



Commercial dataHistoryURL WebshopNatoryURL Webshop4048073178080ECLASS-6.022727818ECLASS-6.122728218ECLASS-7.12727818ECLASS-7.32727818ECLASS-8.127278178ECLASS-8.12727818ECLASS-8.12727818ECLASS-8.127060311ECLASS-8.127600311ECLASS-8.1027600311ECLASS-10.127600311ECLASS-10.227600311ECLASS-10.227600311ECLASS-10.327600311ECLASS-10.4 </th <th>Material</th> <th>PUR</th>	Material	PUR
URL Webshophttps:/shop.mumbelktonk.com/7000-40121-0140060GTN444807372808GTASS-6.02727818ECLASS-6.12727818ECLASS-7.12727818ECLASS-7.12727818ECLASS-7.12727818ECLASS-7.22727818ECLASS-7.22727818ECLASS-8.12727818ECLASS-8.12727818ECLASS-8.12727818ECLASS-8.12727818ECLASS-8.12727818ECLASS-8.127050311ECLASS-10.127060311ECLASS-10.127060311ECLASS-11.127060311ECLASS-13.027060311ECLASS-13.027060311ECLASS-13.027060311ECLASS-13.027060311ECLASS-13.027060311ECLASS-13.027060311ECLASS-13.027001855ETMA-6.0EC001855ETMA-6.0EC001855ETMA-6.0EC001855ETMA-6.02501955ETMA-6.02501955ETMA-6.02501955ETMA-6.02501955ETMA-6.02501955ETMA-6.02501955ETMA-6.02501955ETMA-6.02501955ETMA-6.02501955ETMA-6.02501955ETMA-6.02501955ETMA-6.0250195ETMA-6.02501955ETMA-6.0250195ETMA-6.0250195ETMA-6.0250195ETMA-6.0250195ETMA-6.0250195<	Degree of protection (EN IEC 60529)	IP67, IP66K, IP65
GTN     444879178008       ECLASS 6.0     27278218       ECLASS 7.0     27278218       ECLASS 7.0     27278218       ECLASS 7.1     27278218       ECLASS 7.1     27278218       ECLASS 7.1     27278218       ECLASS 8.0     27278218       ECLASS 8.1     27278218       ECLASS 8.1     27260311       ECLASS 9.1     27060311       ECLASS 9.1     27060311       ECLASS 9.1     27060311       ECLASS 9.10     27060311 <td>Commercial data</td> <td></td>	Commercial data	
GTN     404870178808       ECLASS-6.0     27278218       ECLASS-7.0     27779218       ECLASS-7.0     27779218       ECLASS-7.0     27779218       ECLASS-7.1     27279218       ECLASS-7.0     27779218       ECLASS-7.0     27779218       ECLASS-7.0     27779218       ECLASS-8.0     2779218       ECLASS-8.1     2779218       ECLASS-7.0     2779218       ECLASS-7.0     2779218       ECLASS-8.0     2796031       ECLASS-10.1     27600311       ECLASS-10.2     27060311       ECLASS-12.0     27060311       ECLASS-13.0     25007       Current 0     EC011805	URL Webshop	https://shop.murrelektronik.com/7000-40121-0140060
ECLASS-6.127278218ECLASS-7.027278218ECLASS-8.027278218ECLASS-8.027278218ECLASS-8.027278218ECLASS-8.027278218ECLASS-8.027278218ECLASS-8.027260311ECLASS-8.0.127060311ECLASS-8.0.127060311ECLASS-10.127060311ECLASS-10.127060311ECLASS-11.027060311ECLASS-13.027060311ECLASS-13.027060311ECLASS-13.027060311ECLASS-13.027060311ECLASS-14.027060311ECLASS-13.027060311ECLASS-13.027060311ECLASS-13.027060311ECLASS-14.026001855ETM-5.0EC001855ETM-6.0EC001855ETM-6.0EC001855ETM-7.0EC001855ETM-8.0	GTIN	
EGLASS 7.0     27278218       EGLASS 7.1     27278218       EGLASS 8.1     27278218       EGLASS 8.1     27278218       EGLASS 8.1     27060311       EGLASS 8.1     27060311       EGLASS 10.1     27060311       EGLASS 10.1     27060311       EGLASS 10.1     27060311       EGLASS 11.0     27060311       EGLASS 13.0     27060311       EGLASS 14.0     27060311       EGLASS 14.0     27060311       EGLASS 15.0     EGUASS 16.0       ETMA 5.0     EGO01855	ECLASS-6.0	27279218
EGLASS 7.1     27279218       EGLASS 8.1     27272218       EGLASS 8.1     27272218       EGLASS 8.0     27060311       EGLASS 8.1     27060311       EGLASS 8.10.1     27060311       EGLASS 8.10.1     27060311       EGLASS 10.1     27060311       EGLASS 10.1     27060311       EGLASS 11.1     27060311       EGLASS 12.0     27060311       EGLASS 13.0     27060311       EGLASS 14.0     EG001885       ETMA 5.0     EG00185	ECLASS-6.1	27279218
ECLASS-8.0     22729218       ECLASS-8.1     272729218       ECLASS-8.1     27000311       ECLASS-9.0     27060311       ECLASS-10.1     27060311       ECLASS-10.1     27060311       ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ECLASS-13.0     27060311       ECLASS-14.0     2706031       ETM-6.0     EC001885       ETM-6.0     EC001885       ETM-7.0     EC001885       ETM-7.0     EC001885       ETM     S00 V	ECLASS-7.0	27279218
EGLASS 8.1     27279218       EGLASS 9.0     27060311       EGLASS 9.0     27060311       EGLASS 9.1     27060311       EGLASS 9.1     27060311       EGLASS 9.1     27060311       EGLASS 9.1.0     27060311       EGLASS 1.1     27060311       EGLASS 1.4.0     EC001855       ETM-5.0     EC001855       ETM-7.0     EC001855       EAN     404987178808       Electical data   Supply     Corrent operating puer contact max.       Portagrophic PG max.     250 V       Corrent operating puer contact max.     4 A       Electical data   Supple     Imaxet apuer	ECLASS-7.1	27279218
ECLASS-9.0     27080311       ECLASS-9.0.1     27060311       ECLASS-10.1     27060311       ECLASS-10.1     27060311       ECLASS-11.0     27060311       ECLASS-11.0     27060311       ECLASS-11.0     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ECLASS-13.0     27060311       ECLASS-14.0     27060311       ECLASS-14.0     27060311       ECLASS-14.0     27060311       ECLASS-14.0     27060311       ETM-6.0     EC001855       ETM-7.0     EC001855       ETM-7.0     EC001855       ETM-7.0     EC001855       ETM     ECO1985       ETM     Devicentrotertarretarretarretarretarretarretaretar	ECLASS-8.0	27279218
EGLASS 9.1     27060311       EGLASS 10.0.1     27060311       EGLASS 10.1     27060311       EGLASS 10.1     27060311       EGLASS 10.0     27060311       EGLASS 10.0     27060311       EGLASS 10.0     27060311       EGLASS 12.0     27060311       EGLASS 13.0     27060311       EGLASS 14.0     EC001855       ETIM 4.0     EC001855       ETIM 4.0     EC001855       EAN     404879178808       Electical data   Supply     Electical data   Supply       Operating voltage AC max.     250 V       Current operating procontact max.     4 A       Installation   Connection     Insterid, screwed       Pollution Degree     3       Additional contific protection electrical     Additional contific elecasting	ECLASS-8.1	27279218
ECLASS-10.0.1     2760311       ECLASS-10.0     2760311       ECLASS-10.0     2760311       ECLASS-11.0     2760311       ECLASS-12.0     2760311       ECLASS-13.0     2760311       ECLASS-14.0     2760311       ECLASS-13.0     2760311       ECLASS-14.0     27060311       ECLASS-14.0     27060311       ECLASS-14.0     EC001855       ETM-6.0     EC001855       EAN     404827178009       Electrical data   Supply     Poperafing voltage AC max.       Operafing voltage DC max.     250 V       Operafing voltage DC max.	ECLASS-9.0	27060311
ECI.ASS-10.1     27060311       ECI.ASS-11.0     27060311       ECI.ASS-11.1     27060311       ECI.ASS-12.0     27060311       ECI.ASS-13.0     27060311       ECI.ASS-14.0     27060311       ECI.ASS-14.0     27060311       ECI.ASS-14.0     27060311       ECI.ASS-14.0     27060311       ETIM-5.0     EC001855       ETIM-7.0     EC001855       ETIM-7.0     EC001855       ETIM-7.0     EC001855       ETIM-7.0     EC001855       ETIM-7.0     EC001855       ETIM-8.0     EC001855       ETIM-7.0     EC001855       ETIM-7.0     EC001855       ETIM-7.0     EC001855       ETIM-7.0     EC001855       ETIM-7.0     EC001855       ETIM-8.0     EC001855       ETIM-8.0     EC001855       ETIM-7.0     EC001855       Etricatidata Supply     Operating voltage AC max.       Operating voltage AC max.     A A       Installoting or max.     A Sitti X       Device protection	ECLASS-9.1	27060311
EGLASS-11.0     27060311       EGLASS-12.0     27060311       EGLASS-12.0     27060311       EGLASS-13.0     27060311       EGLASS-13.0     27060311       EGLASS-13.0     27060311       EGLASS-13.0     27060311       EGLASS-13.0     27060311       EGLASS-13.0     E7001855       ETIM-6.0     EC001855       ETIM-7.0     EC001855       EAN     404879178808       Electrical data   Supply     U       Operating voltage DC max.     250 V       Operating voltage DC max.     4 A       Installation   Connection       Mit x 1       Device protection   Electrical     Installation   Connection 4 geree       Additional condition protection degree     instend, screwed       Pollution Degree     3       Material arcwy (EG 6064-1)     1       Methanical data   Material data     Zino die-casting       Coating oloking     Nickeld	ECLASS-10.0.1	27060311
ECLASS-11.1     27060311       ECLASS-12.0     27060311       ECLASS-13.0     27060311       ECLASS-14.0     27060311       ECLASS-13.0     ECO01855       ETIM-5.0     EC001855       ETIM-7.0     EC001855       ETIM-7.0     EC001855       ETIM-8.0     EC001855       EAN     4048679178808       Electrical datal Supply     Electrical datal Supply       Operating voltage AC max.     250 V       Operating voltage AC max.     250 V       Current operating per contact max.     4 A       Installation / Connection     Installet AC Connection       Mouting set     M12 x 1       Device protection   Electrical data     Sereeved       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Material group (IEC 60664-1)     1       Mechanical datal Material data     Zinc die-casting       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Coating of conting data     Sinc fit-casting       Coating focking	ECLASS-10.1	27060311
ECLASS-12.0     27060311       ECLASS-13.0     27060311       ECLASS-14.0     27060311       ECLASS-14.0     EC001855       ETIM-6.0     EC001855       ETIM-6.0     EC001855       ETIM-7.0     EC001855       ETIM-8.0     EC001855       EAN     4048679178808       Electical data   Supply     U       Operating voltage DC max.     250 V       Operating temporat	ECLASS-11.0	27060311
ECLASS-13.0     27060311       ECLASS-14.0     27060311       ECLASS-14.0     E7001855       ETIM-5.0     EC001855       ETIM-7.0     EC001855       ETIM-8.0     EC001855       ETIM-7.0     EC001855       ETIM-8.0     EC001855       ETIM-8.0     EC001855       ETIM-7.0     EC001855       ELAN     404879173808       Electrical data   Supply     Cov1855       Operating voltage AC max.     250 V       Current operating per contact max.     4 A       Installation   Connection     M12 x 1       Device protection   Electrical     M12 x 1       Additional condition protection degree     inserted, sorewed       Pollution Degree     3       Additional condition protection degree     inserted, sorewed       Pollution Degree     3       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Coating of titing     nickel plated       Locking material     Zinc die-casting       Coating of titing     nickel plated       <	ECLASS-11.1	27060311
ECLASS-14.0     27060311       ETIM-5.0     EC001855       ETIM-6.0     EC001855       ETIM-7.0     EC001855       ETIM-7.0     EC001855       ETIM-7.0     EC001855       ETIM-7.0     EC001855       EAN     4048879178808       Electrical data   Supply     Use Contract max.       Operating voltage AC max.     250 V       Corrent operating per contact max.     4 A       Installation   Connection     M12 x 1       Device protection   Electrical     M12 x 1       Device protection   Electrical     M12 x 1       Material group (IEC 60664-1)     1       Material condition protection degree     inserted, screwed       Pollution Degree     3       Material screw connection     Zinc die-casting       Coating of fitting     nickel pated       Locking material     Zinc die-casting       Coating of fitting     isserted, screwed, Shaking protection       Material screw connection     Kiekeld       Mounting material     Zinc die-casting       Coating locking     Nickeled       Mounting mate	ECLASS-12.0	27060311
ETIM-5.0     EC001855       ETIM-5.0     EC001855       ETIM-5.0     EC001855       ETIM-5.0     EC001855       EAN     4048879178808       Electrical data   Supply        Operating voltage AC max.     250 V       Operating voltage DC max.     250 V       Current operating per contact max.     4 A       Installation   Connection        Mounting set     M12 x 1       Device protection   Electrical        Additional condition protection degree     inserted, screwed       Polution Degree     3       Material screw connection     Zinc die-casting       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Coating locking     Nickeled       Mechanical data   Mounting data     Jinc die-casting       Coating locking     Nickeled       Mechanical data   Mounting data     Loce decentrices (Staking protection       Porating Imperature min.     -30 °C	ECLASS-13.0	27060311
ETIM-6.0 EC001855   ETIM-7.0 EC001855   ETIM-8.0 EC001855   ETIM-8.0 EC001855   EAN 4048379178008   Electrical data   Supply Coverating voltage AC max.   Operating voltage AC max. 250 V   Operating voltage DC max. 250 V   Current operating per contact max. 4 A   Installation   Connection Installetion   Connection   Mounting set M12 x 1   Device protection   Electrical Addilional condition protection degree   Addilional condition protection degree 3   Material screw connection Zinc die-casting   Coating of fitting nicker jated   Locking material Zinc die-casting   Coating of fitting nicker jated   Locking material Zinc die-casting   Coating of fitting nicker jated   Locking material Zinc die-casting   Coating of fitting nicker jated   Locking material Zinc die-casting   Coating of fitting nicker jated   Locking material Zinc die-casting   Coating ocking Nickeled   Mechanical data   Mounting data Mounting method   Inserted, screwed, Shaking protection Coating ocking	ECLASS-14.0	27060311
ETIM-7.0 EC001855   ETIM-8.0 EC001855   EAN 404887178808   Electrical data   Supply Coperating voltage AC max. 250 V   Operating voltage AC max. 250 V Corrent operating per contact max. 4 A   Installation   Connection M12 x 1 Device protection   Electrical   Additional condition protection degree inserted, screwed Pollution Degree   Pollution Degree 3 Material group (IEC 60664-1)   Installation   Connection In certed, screwed Pollution Degree   Adterial group (IEC 60664-1) I I   Meterial group (IEC 60664-1) I I   Metaria	ETIM-5.0	EC001855
ETIM-8.0 EC001855   EAN 4048879178808   Electrical data   Supply 250 V   Operating voltage AC max. 250 V   Current operating per contact max. 4 A   Installation   Connection Installation   Connection   Mounting set M12 x 1   Device protection   Electrical Additional condition protection degree   Additional condition protection degree inserted, screwed   Pollution Degree 3   Material group (IEC 60664-1) 1   Mechanical data   Material data Inserted, screwed   Material screw connection Zinc die-casting   Coating of fitting nickel plated   Locking material Zinc die-casting   Coating of fitting nickel plated   Locking material Zinc die-casting   Coating of fitting nickel plated   Locking material Zinc die-casting   Coating of fitting nickel plated   Locking material Zinc die-casting   Coating of fitting nickel plated   Locking material Zinc die-casting   Coating temperature min. -30 °C   Operating temperature min. -30 °C   Operating temperature min. -30 °C   Operating temperature max. 85 °C </td <td>ETIM-6.0</td> <td>EC001855</td>	ETIM-6.0	EC001855
EAN 4048879178808   Electrical data   Supply 250 V   Operating voltage AC max. 250 V   Current operating per contact max. 4 A   Installation   Connection Installation   Connection   Mounting set M12 x 1   Device protection   Electrical Inserted, screwed   Pollution Degree 3   Additional condition protection degree inserted, screwed   Pollution Degree 3   Material group (IEC 60664-1) 1   Meterial group (IEC 60664-1) 1   Metrial screw connection Zinc die-casting   Coating of fitting nickel plated   Locking material Zinc die-casting   Coating of fitting nickel plated   Locking material Zinc die-casting   Coating of fitting nickel plated   Locking material Zinc die-casting   Coating locking Nickeled   Methal screwed, Shaking protection Environmental characteristics   Climatic   Furiomental characteristics   Climatic -30 °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 endangrered	ETIM-7.0	EC001855
Electrical data   Supply       Operating voltage AC max.     250 V       Operating voltage DC max.     250 V       Current operating per contact max.     4 A       Installation   Connection     Installation   Connection       Mouring set     M12 x 1       Device protection   Electrical     Installation   Connection       Additional condition protection degree     3       Olution Degree     3       Material group (IEC 60664-1)     1       Mechanical data   Material data     Material data       Material screw connection     Zinc die-casting       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Coating locking     Nickeled       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     450 °C       Operating temperature min.     30 °C       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Additional condition temperature max.     85 °C       Additional c	ETIM-8.0	EC001855
Operating voltage AC max.     250 V       Operating voltage DC max.     250 V       Current operating per contact max.     4 A       Installation   Connection     Installation   Connection       Mounting set     M12 x 1       Device protection   Electrical     Inserted, screwed       Poliution Degree     3       Material group (IEC 60664-1)     1       Mechanical data   Material data     Material group (IEC 60664-1)       Material group (IEC 60664-1)     1       Mechanical data   Material data     Material group (IEC 60664-1)       Material group (IEC 60664-1)     1       Mechanical data   Material data     Vice e-casting       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Coating locking     Nickeled       Mechanical data   Mounting data     Material screwed, Shaking protection       Environmental characteristics   Climatic     Coating on °C       Operating temperature min.     -30 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Inportat Installation notes     Attention:	EAN	4048879178808
Operating voltage DC max.     250 V       Current operating per contact max.     4 A       Installation   Connection     Mutring set       Mounting set     M12 x 1       Device protection   Electrical     Additional condition protection degree       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Material group (IEC 60664-1)     I       Mechanical data   Material data     Material screw connection       Cating of fiting     nickel plated       Locking material     Zinc die-casting       Coating of fiting     nickel plated       Locking material     Zinc die-casting       Coating of fiting     nickel plated       Locking material     Zinc die-casting       Coating tooking     Nickeled       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     Attentio	Electrical data   Supply	
Current operating per contact max.   4 A     Installation   Connection     Mounting set   M12 x 1     Device protection   Electrical     Additional condition protection degree   inserted, screwed     Pollution Degree   3     Material group (IEC 60664-1)   1     Mechanical data   Material data   Material data     Material screw connection   Zinc die-casting     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Coating locking   Nickeled     Mechanical data   Mounting data   Nickeled     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     -30 °C   Operating temperature max.     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.     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	Operating voltage AC max.	250 V
Installation   Connection       Mounting set     M12 x 1       Device protection   Electrical     inserted, screwed       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Material group (IEC 60664-1)     I       Mechanical data   Material data     Inserted, screwed       Material group (IEC 60664-1)     I       Material screw connection     Zinc die-casting       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Coating locking     Nickeled       Mounting method     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Sinc Gie-casting complexity       Operating temperature min.     -30 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     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.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable t	Operating voltage DC max.	250 V
Mounting set     M12 x 1       Device protection   Electrical     isserted, screwed       Additional condition protection degree     isserted, screwed       Pollution Degree     3       Material group (IEC 60664-1)     I       Mechanical data   Material data     I       Material screw connection     Zinc die-casting       Coating of fiting     nickel plated       Locking material     Zinc die-casting       Coating of fiting     Nickeled       Mechanical data   Mounting data     Isserted, screwed, Shaking protection       Metrial group reature min.     -30 °C       Operating temperature min.     -30 °C       Operating temperature max.     85 °C       Additional condition netwer arage     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     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	Current operating per contact max.	4 A
Device protection   Electrical       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Material group (IEC 60664-1)     1       Metrial group (IEC 60664-1)     1       Material screw connection     Zinc die-casting       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Coating locking     Nickeled       Mechanical data   Mounting data     Mounting method       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     -30 °C       Operating temperature min.     -30 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Material cobserve the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	Installation   Connection	
Additional condition protection degree   inserted, screwed     Pollution Degree   3     Material group (IEC 60664-1)   I     Mechanical data   Material data   I     Material screw connection   Zinc die-casting     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Coating locking   Nickeled     Mechanical data   Mounting data   Nickeled     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   -30 °C     Operating temperature min.   -30 °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   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	Mounting set	M12 x 1
Pollution Degree   3     Material group (IEC 60664-1)   1     Mechanical data   Material data   Image: Control of Material data     Material screw connection   Zinc die-casting     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Coating locking   Nickeled     Mechanical data   Mounting data   Mickeled     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     -30 °C   Operating temperature max.     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.     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	Device protection   Electrical	
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	Note on bending radius	
Conformity	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
	Conformity	

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Product standard

DIN EN 61076-2-101 (M12)

Installation   Cable	
Cable identification	014
Cable Type	1
Amount stranding	1
Stranding	4 wires stranded
Wire arrangement	brown, black, blue, white
Cable weigth	40.7
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	1.25 mm
Outer diameter tolerance core insulation	± 0.05 mm
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	CFC-free, cadmium-free, silicone-free, lead-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
Outer-diameter (jacket)	5 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	CFC-free, cadmium-free, silicone-free, lead-free
Material property (jacket)	good machinability
Conductor resistance (wire)	57 Ω/km @ 20 °C
Nominal voltage AC max.	300 V
Withstand voltage (wire - wire)	2 kV @ 60 s
Withstand voltage (wire - jacket)	2 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4.8 A
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1080, CSA FT1, IEC 60332-1-2
Oil resistance	good
Chemical resistance	good
Other resistances	good resistance to gasoline
Bending radius (fixed)	5
Bending radius (dynamic)	10

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