

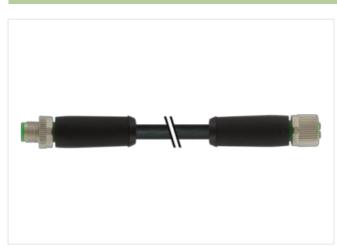
## M12 Power male 0° / female 0° S-cod.

PUR 4x2.5 bk UL/CSA+drag ch. 1.5m

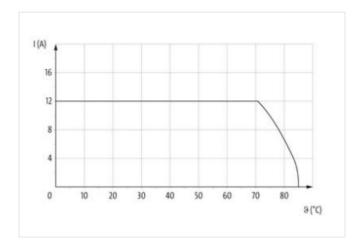
Power Male straight – female straight M12 – M12, 4-pole S-coded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

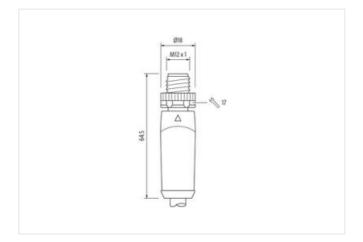
## Link to Product

Illustration



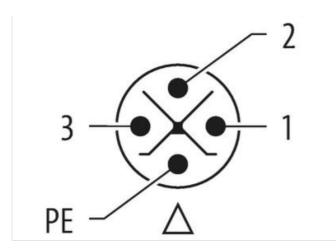
1	BK 1	
2 -	BK 2	< 2
3	BK 3	
PE <b></b>	GN YE	

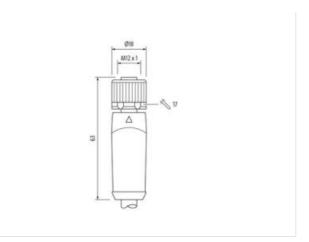


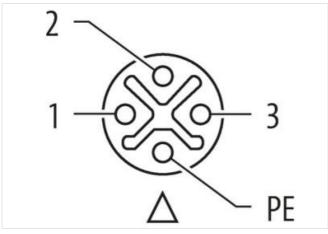


The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-06-26









Product may differ from Image

Cable length	1,5 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12P
Thread	M12 x 1
suitable for corrugated tube (internal $\emptyset$ )	16,4 mm
Coding	S
Material contact	Copper alloy
No. of poles	4
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12P
Thread	M12 x 1
Coding	S
Material contact	Copper alloy
No. of poles	4
Commercial data	
ECLASS-6.0	27279218

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ECLASS 7.0       27.278719         ECLASS 7.0       27.278719         ECLASS 8.0       27.050307         ECLASS 8.10.1       27.050307         ECLASS 1.0.1       27.050311         ECLASS 1.0.1       27.050311         ECLASS 1.0.2       27.050501         ECLASS 1.0.1       27.050501         ECLASS 1.0.1       27.050507         ECLASS 1.0.1       27.050707         ECLASS 1.0.1       1         ELASS 1.0.1       1	ECLASS-6.1	27279218
ECLASS:0.0   20000207     ECLASS:0.1   20000311     ECLASS:1.1   2060031     ECLASS:1.1   2060031     ECLASS:1.1   20600327     ECLASS:1.1   2060031     ECLASS:1.1   20600327     ECLASS:1.1   20600327     ECLASS:1.1   4048270808011     Packaging unit   1     Etectrical data [Supply   Unit operating values AC max.     Operating values AC max.   600 V     Corrent operating values AC max.   12 A     Dagootics   Unit operating values (Consection CED)     Status indication LED   no     Institution I Connection   Unit operating values (Consection CED)     Device protection [EnterLeta   Device protection [EnterLeta     Degree of protection (EN IEC 605829)   1965, 1967     Additional condition protection degree   institutio, sorewed     Patistar at gava values values (Consection CED)   1     Meteral protection (EN IEC 605829)   1955, 1967     Additional Condition protection degree   institution Compo     Material passing   6 NV     Metaral passing (Consection CED)   1     Metaral passing (Consection CED)   1     Metaral passing (Consection CED)   1     Metaral passing (Consection CED)   1 <td>ECLASS-7.0</td> <td>27279218</td>	ECLASS-7.0	27279218
ECLASS 10.12000311ECLASS 12.02000327ETMs 5.0ECO01985Cators 1ard number844400OTN404873966811Packaging unt1Echtical staff SpephyContract Contract Contr	ECLASS-8.0	27279218
ECLASS 12.0       27080311         ECLASS 12.0       27080327         ECLASS 12.0       27080327         ETMA 5.0       ECO01865         customs stiff number       8444290         GTN       404879596011         Packaging unt       1         Electrical data [Supply       Corporating values AC max.         Corporating values AC max.       600 V         Corrent operating per contact max.       12 A         Diagocitis       Status indication LED         Status indication LED       no         Device protection [Electrical       SW17         Device protection [Electrical       Degrade 1/2 Nature AC max.         Degrade of protection [Electrical       SW17         Degrade of protection [Electrical       Degrade 1/2 Nature AC max.         Degrade of protection [Electrical       Degrade 1/2 Nature AC max.         Degrade of protection [Electrical       SW17         Descreptorection [Electrical       Degrade 1/2 Nature AC max.         Degrade of protection [Electrical       SW17         Material proping Comparison       Status material nature AC max.         Device protection [Electrical       Status material nature AC max.         Degrading begrade proteco	ECLASS-9.0	27060327
ECI.ASS 12.0   27000327     ETIM.5.0   ECO01685     ETIM.5.0   ECO01685     CON1805   404897966811     Pedraing unit   1     Electrical data   Supply   500 V     Corrent operating per contact max.   600 V     Diagnostic   12 A     Diagnostic   500 V     Vorrent operating per contact max.   12 A     Diagnostic   10 A     Visitiation I Connection   10 A     Visitiation I Connection   10 A     Darge of protection   Electrical   10 A     Material group (EC 60684-1)   1	ECLASS-10.1	27060311
FTM-5.0       EC001955         cualoms tarff number       05444230         GTIN       404837966811         Packaging unil       1         Electrical data   Supply       Coperating voltage AC max.         Depariting voltage AC max.       600 V         Current operating per contact max.       12 A         Diagnotics       V         Status indication LED       no         Installation   Connection       V         Degree of protection Electrical       SV17         Degree of protection Electrical       P05. IP67         Additional condition protection degree       Inserted, screwed         Polution Degree       3         Rated aurge voltage       6 kV         Material qoup (EC 60664-1)       1         Mechanic data       Macel         Material quop (EC 60664-1)       1         Mechanic data       Macel         Material quop (EC 60664-1)       1         Mechanic data       Macel         Material quop (EC 60664-1)       1         Mechanic data       Macel         Mechanic data       Macel         Costing packing       PCR         Contregree	ECLASS-11.1	27060311
automs tariff number       65444200         GTN       404887866611         Packaging unit       1         Electrical data   Supply       600 V         Current operating per contact max.       12 A         Diagnostics       500 V         Status infloction LED       no         Installation   Connection       WI         Witch across fills       SW17         Descrep protection   Electrical       SW17         Descrep protection   Electrical       SW17         Descrep protection protection degree       instantiation acrowed         Polition Degree       3         Ratid argue voltage       6 N         Material gasket       FKM         Material gasket       FKM         Material pasket       FKM         Material pasket       FKM         Material pasket       S °C         Operating temperature max.       65 °C	ECLASS-12.0	27060327
G1N   4049873066811     Packaging unit   1     Electrical das   Supply   Convent operating voltage AC max.   600 V     Current operating por contact max.   12 A     Diagnostics   Convent operating por contact max.   12 A     Diagnostics   No   Installation   Connection     Installation   Connection   No   Installation   Connection     Device protection   Electrical   Device protection [Electrical   Device protection (EN IEC 60652)     Device protection [Electrical   Inserted, screwed   Pollution Degree     Additional condition protection degree   No   No     Metarial group (IEC 60664-1)   1   No     Metarial group (IEC 60664-1)   No   No <	ETIM-5.0	EC001855
Packaging unit       1         Electrical data   Supply       Image: Contract operating you contact max.       12 A         Diagnostics       Image: Contact operating you contact max.       12 A         Diagnostics       Image: Contact operating you contact max.       12 A         Diagnostics       Image: Contact max.       12 A         Diagnostic Contact max.       12 A       Image: Contact max.         Diagnostic Contact max.       19 A       Image: Contact max.         Device optication (EN IEC 60629)       IP65, IP67       Additinal contact max.       10 A         Additinal contaction of Optication of Optication of Optication of Optication of Optication of Optication Optication of Optication	customs tariff number	85444290
Electrical data   Supply       600 V         Operating per contact max.       600 V         Current operating per contact max.       12 A         Disgnostic       Ital         Status indication LED       no         Installation   Connection       Ital         Device protection   Electrical       Ital         Device protection   Electrical       Ital         Device protection   Electrical       Ital         Device protection on protection degree       Inserted. screwed         Pollution Degree       3         Rated surge voltage       6 kV         Material group (EC 60604.1)       1         Mechanical data   Material data       Inserted. screwed         Costing locing       Nickeled         Material group (EC 60604.1)       1         Mechanical data   Material data       Inserted. screwed         Costing locing material       Z no cle-casting         Meterial gasket       FKM         Material properature min.       -25 °C         Operating temperature min.       -25 °C         Operating temperature min.       -25 °C         Operating temperature max.       65 °C         Additional cordition notesco	GTIN	4048879866811
Operating voltage AC max.       600 V         Current operating per contact max.       12 A         Diagnostics       no         Stutus indication LED       no         Installation (Connection       With access fats       SW17         Device protection [Electrical       Evence protection (EW EC 05629)       IPES, IPE7         Additional condition protection degree       inserted, screwed       Pollution Degree         Polution Degree       3       Rest outry evoltage       EV         Cating locking protection [Electrical       Evoltage protection [Electrical       Evoltage protection [Electrical         Cating locking protection [Electrical       IPES, IPE7       Additional condition protection degree       3         Rest outry evoltage       6 KV       Material protection [Electrical       Evoltage protection [Electrical         Cating locking around [Electrical       In Gene costing       In Gene costing       Evoltage protection [Electrical         Material pasket       FKM       Evoltage protection [Electrical       Evoltage pr	Packaging unit	1
Current operating per contact max.   12 Å     Diagnostics   Status indication LED   no     Installation [Connection   Installation [Connection]   Installation [Connection]     Width across flats   SW17     Degree of protection [Electrical   Inserted, screwed     Pollution Degree   3     Rated aurge voltage   6 kV     Material group [Co 6068-1)   1     Mechanical data   Material data   Inserted, screwed     Coating locking   Nickeled     Material group [Co 6068-1)   1     Methanical data   Material data   Inserted, screwed, Shaking protection     Material group [Co 6068-1]   1     Mechanical data   Material data   Inc disc-casting     Metharial group [Co 6068-1]   1     Material pasket   F/KM     Material pasket   F/KM     Material pasket   F/KM     Material data   Mounting data   Zinc disc-casting     Mounting method   Inserted, screwed, Shaking protection     Environmental characteristics [ Climatic   Coating temperature min.     -25 °C   Operating temperature max.   25 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Material cable of the conneclors by suitable mentincal loads, e.g. by the usage of c	Electrical data   Supply	
Diagnostics       no         Installation ICD       mo         Installation I Connection       SW17         Widt across flats       SW17         Device protection I Electrical       Device protection I Electrical         Device protection I Electrical       Installation Protection Genee         Additional condition protection degree       instruct, screwed         Pollution Degree       3         Rated surge voltage       6 kV         Material group (IEC 60664-1)       1         Material group (IEC 60664-1)       1         Costing locking       Nickeled         Material group (IEC 60664-1)       1         Material graskat       FKM         Material protection I Electrical       YEM         Locking material       Zinc discasting         Mechanical data   Material busing       PUR         Locking material       Zinc discasting         Mechanical data   Material busing       PUR         Locking material       Sis Contentions         Operand instructaristics J Climation       Sis Contentions         Operand instructaristics I Climation       Sis Contentions         Additional condition temperature min.       25 °C	Operating voltage AC max.	600 V
Status indication LED   no     Installation   Connection     Width across flats   SW17     Device protection   Electrical     Degree of protection (EN IEC 60529)   IP65, IP67     Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   6 kV     Material group (IEC 60664-1)   1     Instantiat data   Mickelod     Material group (IEC 60664-1)   1     Coating locking   Nickelod     Material asset   FKM     Material asset   FKM     Material housing   PUR     Locking material   Zor cile-casting     Mechanical data   Muteriad data   FKM     Material protection (Base Contentions)   Second Contentions)     Operating temperature main.   25 °C     Operating temperature main.   26 °C     Operating temperature main.   25 °C     Operating temperature main.   26 °C     Operating tem	Current operating per contact max.	12 A
Installation   Connection         Width across flats       SW17         Descrep orbection   Electical       Image: Strep orbection (Electica)         Degree of protection (Electica)       Image: Strep orbection (Electica)         Optimic or protection (Electica)       Image: Strep orbection (Electica)         Optimic orbection (Electica)       Image: Strep orbection (Electica)         Optimic orbectica)       Strep orbection (Electica)         Optimic orbectica)       Image: Strep orbectica)         Optimic orbectica)       Image: Strep orbectica)         Optimic orbectica)       PUR         Locking material       Zinc die-casting         Mechanical data   Mounting data       Image: Strep orbectica)         Mounting method       Image: Strep orbectica)         Operating temperature max.       S5 °C         Operating temperature max.       S5 °C         Operating temperature max.       S5 °C         Additional condition temperature max.       S5 °C         Operating temperature max.       S5 °C <td>Diagnostics</td> <td></td>	Diagnostics	
With across flats       SW17         Device protection   Electrical       Image: Support Supp	Status indication LED	no
Device protection   Electrical         Degree of protection (EN IEC 60529)       IP65, IP67         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       6 Iv/         Material group (IEC 60664-1)       1         Mechanical data   Material data       Coaling locking         Material group (IEC 60664-1)       1         Mechanical data   Material data       FKM         Material pasket       FKM         Material pasket       FKM         Material abasket       FKM         Mounting method       inserted, screwed, Shaking protection         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Coaling temperature min.         Q25 °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 ending orces:         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads	Installation   Connection	
Degree of protection (EN IEC 60529)       IP65, IP67         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       6 kV         Material group (IEC 60664-1)       1         Mechanical data   Material data       Coating (IeC 60664-1)         Coating locking       Nickeled         Material graup (IEC 60664-1)       1         Mechanical data   Material data       FKM         Material lossing       PUR         Locking material       Zinc die-casting         Mechanical data   Mounting data       FKM         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Cooperating temperature min.         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 conne	·	SW17
Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     6 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data	Device protection   Electrical	
Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     6 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data	Degree of protection (EN IEC 60529)	IP65. IP67
Polition Degree     3       Rated surge voltage     6 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Coating tocking       Ocating tocking     Nickeled       Material gasket     FKM       Material gasket     FKM       Material pasket     PUR       Locking material     Zinc clie-casting       Mechanical data   Mounting data     Mounting material       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Material occessive bending forces.       Note on sending 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       wrie arrangement     green-yellow, black 3, black 2, black 1       Cable identification     P36       Cable identification     P36       Cable identification     P36		
Rated surge voltage     6 kV       Material group (IEC 60664-1)     I       Mechanical data   Material data     Coating locking     Nickeled       Material gasket     FKM       Material gasket     FKM       Material gasket     FKM       Material gasket     FKM       Material pounding     PUR       Locking material     Zinc die-casting       Mechnical 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     Inserted, screwet 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     Installation   Cable       Wrie rangement     green-yellow, black 3, black 2, black 1       Cable identification     P36       Cable identification     P36		
Material group (IEC 60664-1)     I       Mechanical data   Material data     Coating locking     Nickeled       Material gasket     FKM       Material pousing     PUR       Locking material     Zinc die-casting       Mechanical data   Mounting data     Mounting method       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Operating temperature min.       -25 °C     Operating temperature 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 parmissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Product standard     IEC 61076-2-111       Installation   Cable     User arangement       wire arrangement     green-yellow, black 3, black 2, black 1       Cable identification     P36		6 kV
Mechanical data   Material data         Coating locking       Nickeled         Material gasket       FKM         Material nousing       PUR         Locking material       Zinc die-casting         Mechanical data   Mounting data       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 endangered by excessive bending forces.         Conformity       Installation of Cable         Product standard       IEC 61076-2-111         Installation   Cable       wrie arrangement         Gable Type       3         Printing color of wire insulation       while (isolation black)         Jacket Color       Jacket Color         Jacket Color       Jacket Color		1
Material gasket       FKM         Material housing       PUR         Locking material       Zinc die-casting         Mechanical data   Mounting data       Mounting method         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Coperating temperature min.       -25 °C         Operating temperature min.       -25 °C       Coperating 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.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Product standard       IEC 61076-2-111         Installation   Cable       wire arrangement       green-yellow, black 3, black 2, black 1         Cable Type       3       Printing color of wire insulation         Printing color of wire insulation       white (isolation black)         Jacket Color       black         Type of Certificate       cURus	Mechanical data   Material data	
Material gasket       FKM         Material housing       PUR         Locking material       Zinc die-casting         Mechanical data   Mounting data       Mounting method         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Coperating temperature min.       -25 °C         Operating temperature min.       -25 °C       Coperating 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.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Product standard       IEC 61076-2-111         Installation   Cable       wire arrangement       green-yellow, black 3, black 2, black 1         Cable Type       3       Printing color of wire insulation         Printing color of wire insulation       white (isolation black)         Jacket Color       black         Type of Certificate       cURus	Coating locking	Nickeled
Material housing       PUR         Locking material       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 max.       85 °C         Additional condition temperature range       depending on cable quality       Important installation notes         Note on bending radius       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Product standard       IEC 61076-2:111         Installation   Cable       wire arrangement       green-yellow, black 3, black 2, black 1         Cable Type       3       Printing color of wire insulation       white (isolation black)         Jacket Color       black       URUs       Type of Certificate       cURUs		
Locking material     Zinc die-casting       Mechanical data   Mounting data       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     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     IEC 61076-2-111       Installation   Cable     green-yellow, black 3, black 2, black 1       Cable identification     P36       Cable identification     P36       Cable Type     3       Printing color of wire insulation     white (isolation black)       Jacket Color     black       Type of Certificate     cURus       Amount stranding     1		PUR
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       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     IEC 61076-2-111       Installation   Cable       wire arrangement     green-yellow, black 3, black 2, black 1       Cable identification     P36       Cable Type     3       Printing color of wire insulation     white (isolation black)       Jacket Color     black       Type of Cartificate     cURus       Amount stranding     1		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       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     green-yellow, black 3, black 2, black 1       Cable identification     P36       Cable Type     3       Printing color of wire insulation     white (isolation black)       Jacket Color     black       Type of Certificate     cuRus	Mechanical data   Mounting data	
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       Installation   Cable     green-yellow, black 3, black 2, black 1       Cable identification     P36       Cable Type     3       Printing color of wire insulation     white (isolation black)       Jacket Color     black       Type of Certificate     cuRus	Mounting method	inserted, screwed, Shaking protection
Operating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityImportant installation notesProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.ConformityProduct standardInstallation   Cablewire arrangementgreen-yellow, black 3, black 2, black 1Cable identificationP36Cable Type3Printing color of wire insulationwhite (isolation black)Jacket ColorblackType of CertificatecURusAmount stranding1		
Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Important installation notes       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Conformity     IEC 61076-2-111       Installation   Cable     green-yellow, black 3, black 2, black 1       Cable identification     P36       Cable Iype     3       Printing color of wire insulation     white (isolation black)       Jacket Color     black       Type of Certificate     cURus       Amount stranding     1		-25 °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     IEC 61076-2-111       wire arrangement     green-yellow, black 3, black 2, black 1       Cable identification     P36       Cable I Type     3       Printing color of wire insulation     white (isolation black)       Jacket Color     black       Type of Certificate     cURus       Amount stranding     1		
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 standardIEC 61076-2-111Installation   Cablewire arrangementgreen-yellow, black 3, black 2, black 1Cable identificationP36Cable Type3Printing color of wire insulationwhite (isolation black)Jacket ColorblackType of CertificatecURusAmount stranding1		
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Jacket Color   black     Type of Certificate   cURus     Amount stranding   1	Cable Type	3
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Amount stranding 1	Jacket Color	black
	Type of Certificate	cURus
Stranding 4 wires twisted	Amount stranding	1
	Stranding	4 wires twisted

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wire arrangement	green-yellow, black 3, black 2, black 1
Cable weigth	201,3 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free
Outer-diameter (jacket)	8,7 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	4
Outer diameter insulation	2,85 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	60 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Printing color of wire insulation	white (isolation black)
Amount strands (wire)	140
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	2,5 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	1000 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	20,8 A
Electrical resistance line constant wire	8 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	10 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	10 kV @ 60 s
Min. operating temperature (static)	-50 °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
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1100 FT2   IEC 60332-1-2   UL 1581 § 1090   IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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