

## M12 Power female recept. L-cod. front

PUR-wires 5x1.5 0.2m

Power Flange female M12, 5-pole L-coded Front mounting with multi-strand wire

Good chemical and oil resistance (oil resistance does not apply to use with PVC cable)

The resistance to aggressive media should be individually tested for your application. Further details on request.

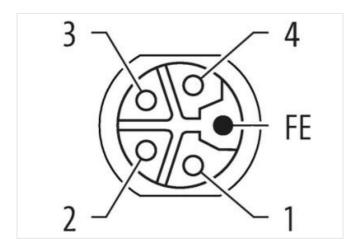
Further cable lengths on request.

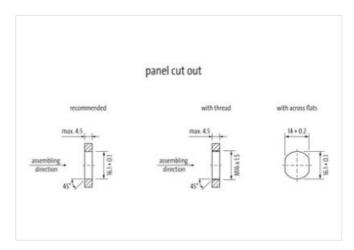
## **Link to Product**

## Illustration



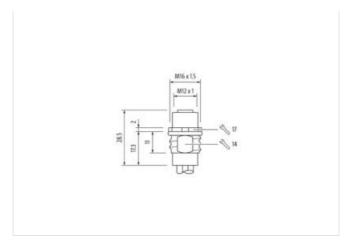








stay connected



Product may differ from Image









Cable length	0,2 m
Side 1	
Tightening torque	0,6 Nm
Family construction form	M12P
Thread	M12 x 1
Coding	L
No. of poles	5
Degree of protection (EN IEC 60529)	IP65, IP67
Commercial data	
ECLASS-6.0	27279220
ECLASS-7.0	27440103
ECLASS-8.0	27440103
ECLASS-9.0	27440103
ECLASS-10.1	27440103
ECLASS-11.1	27440103
ECLASS-12.0	27440103
ETIM-5.0	EC002061
customs tariff number	85444290
GTIN	4048879622189
Packaging unit	1
Electrical data   Supply	
Operating voltage DC max.	63 V
Current operating per contact max.	12 A
Diagnostics	
Status indication LED	no
Installation   Connection	
Mounting set	M16 x 1.5
Width across flats	SW17
Device protection   Electrical	
Protection NEMA	3, 4, 6P
Additional condition protection degree	screwed, mounted



stay connected

Rated surge voltage         1.5 kV           Material group (IEC 5064-1)         I           Mechanical data         without           Contour for corrugated hose         without           Mechanical data   Material data         Coating nound in civil plated           Coating locking         nickel plated           Material gasket         FKM           Material gasket         PKM           Mechanical data   Mounting data         Brass           Locking material         Brass           Mechanical data   Mounting data         Inserted, screwed           Environmental characteristics   Climatic         Coperating temperature max.           Operating temperature max.         85 °C           Additional condition temperature max.         85 °C           Additional condition temperature max.         85 °C           Note on strain releit         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on strain releit         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Adaptional condition emperature max.         86 °C           Contracting relief to the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on strain releit         Protect the connectors by suitable measures	Pollution Degree	3
Mechanical data         without           Control for corrugated hose         without           Mechanical data   Material data         mickel plated           Coating housing         nickel plated           Cating plosting         nickel plated           Material gasket         FMM           Material plasket         FMM           Merchanical data   Mounting data         miseried, screwed           Mechanical data   Mounting data         miseried, screwed           Environmental characteristics   Climatic         Climatic           Operating temperature max         25 °C           Additional condition temperature max         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         mortant relief           Note on startin relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on branding radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be enfanged by excessive bending protess.           Conformity         pc           Lis SE         pc           Resistances   Cable         pc           Resistances   Cable         pc           wire a rangement         brown, black, blue, white,		
Contour for corrugated hose without  Mechanical data   Material data   Material data   Material data   Material dasker   FKM   Mechanical data   Material pasker   FKM   Methanical data   Material pasker   FKM   Methanical data   Mounting data   Material possibility   Mounting data   Mounting method   Inserted, screwed   Mounting method   Inserted, screwed   Mounting method   Mounting data   Mounting method   Mounting data   Mounting method   Mounting data   Mounting method   Mounting data   Mounting method	Material group (IEC 60664-1)	I
Mechanical data   Material data         mickel plated           Coating looking         nickel plated           Material gasket         PKM           Material possing         Brass           Locking material         Brass           Locking material         Inserted, Screwed           Mechanical data   Mounting data           Mechanical data   Mounting data           Mechanical characteristics   Climate           Ceparating temperature min.         25 °C           Operating temperature min.         25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         ***           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on bending radius         Attention: Observe the permissible bonding radii when laying cables, as the IP protection class can be endered by excessive bending forces.           Conformity         ****           Us. SDE         yes           Resistances   Cable         ***           wire arrangement         brown, black, blue, while, gray           Cable identification         980           wire arrangement	Mechanical data	
Coating housing         nickel plated           Coating looking         nickel plated           Material pasket         FKM           Material nousing         Brass           Locking material         Brass           Mechanical data   Mounting data         Mounting method           Environmental characteristics   Climatic         Protect           Environmental characteristics   Climatic         Coperating temperature max.         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 barding 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           Approvats         EC 61076-2-111         Product standard         IEC 61076-2-111           Approvats         U. 5.5         yes           Resistances   Cable         Yes         Resistances   Cable identification         90           Wire arrangement         brown, black, blue, white, gray         Descrin	Contour for corrugated hose	without
Coating locking         nickel plated           Material pasker         FKM           Material pasker         FKM           Mechanical datal Mounting data         Brass           Mounting method         inserted, screwed           Environmental characteristics   Climator         Coperating temperature min.         25 °C           Operating temperature man.         65 °C           Operating temperature man.         65 °C           Additional condition temperature man.         65 °C           Operating temperature man.         45 °C           Operating temperature man.         45 °C           Onter almost product standard         Ecc 61076-2-111           Approvate         LEC 61076-2-111           Approvate         Festions.           Resistance   Cable         Very           Write arrangement         brown, black, blue, white, gray           Gabic identification         980           Amount	Mechanical data   Material data	
Coating locking         nickel plated           Material pasker         FKM           Material pasker         FKM           Mechanical datal Mounting data         Brass           Mounting method         inserted, screwed           Environmental characteristics   Climator         Coperating temperature min.         25 °C           Operating temperature man.         65 °C           Operating temperature man.         65 °C           Additional condition temperature man.         65 °C           Operating temperature man.         45 °C           Operating temperature man.         45 °C           Onter almost product standard         Ecc 61076-2-111           Approvate         LEC 61076-2-111           Approvate         Festions.           Resistance   Cable         Very           Write arrangement         brown, black, blue, white, gray           Gabic identification         980           Amount	Coating housing	nickel plated
Material gasket FKM Material housing Brass  Mechanical data   Mounting date  Mounting method inserted, screwed  Environmental characteristics   Climatic  Environmental gemperature min. 9.5° °C  Operating temperature min. 9.5° °C  Operating temperature max. 85° °C  Additional condition temperature range depending on cable quality  Important Installation notes  Note on strain relef 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 BEC 61076-2-111  Approvals  UL 50E yes  Resistances   Cable  wire arrangement brown, black, blue, white, gray  Cable identification 980  wire arrangement brown, black, blue, white, gray  Material wire insulation PUR  Annount wires 5  Outer diameter insulation 2,4 mm  Cunter diameter insulation 1,5 mm²  Conductor crosssection (wire) 1,5 mm²  Conductor yipe (wire) 1,5 mm²  Conductor type (wire) 1,5 mm²  Material conductor wire copper stranded wire, tinned  Conductor type (wire) 5  Min. operating temperature (static) 40 °C  Max. operating temperature (static) 40 °C  Max. operating temperature (static) 90 °C  Operating temperature max. (dynamic)		<u>`</u>
Metanial housing Brass Locking material metal Brass  Mechanical data   Mounting data  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min.		·
Locking material         Brass           Mechanical data   Mounting data           Mounting method         inserted, screwed           Environmental characteristics   Climatic           Coperating temperature min.         25 °C           Operating temperature max.         85 °C           Additional condition temperature rang.         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 endanged by excessive bending forces.           Conformity         Product standard         IEC 61076-2-111           Approvals         IEC 61076-2-111           U. 50E         yes           Resistances (Cable           wire arrangement         brown, black, blue, white, gray           Cable identification         980           Material wire insulation         2.4 mm           Outer diameter tolerance core insulation         2.5 %           Amount strands (wire)         30           Diameter of sing wires         0.25 mm           Conductor type (wire)         Strand class 5		
Mechanical data   Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min. 25 °C  Operating temperature man. 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 brain 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  UL 50E yes  Resistances   Cable  wire arrangement brown, black, blue, white, gray  Cable identification 980  wire arrangement brown, black, blue, white, gray  Cable identification 980  wire arrangement brown, black, blue, white, gray  Material wire insulation PUR  Amount wires 5  Outer diameter insulation 2,4 mm  Outer diameter insulation 2,5 mm  Duter diameter louerance core insulation 2,5 mm  Conductor grosssection (wire) 1,5 mm  Material conductor wire) 5,5 mm  Material conductor wire operature (static) 40 °C  Max. operating temperature (static) 40 °C  Max. operating temperature (static) 40 °C  Max. operating temperature (static) 40 °C  Flame resistance Good, application-related testing  Good, application-related testing  Good, application-related testing  Good, application-related testing		
Nounting method   Inserted, screwed		
Privironmental characteristics   Climatic	, ,	inserted, screwed
Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Note on train relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.           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         Froduct standard         IEC 61076-2-111           Approvals         U. 50E         yes           Resistances   Cable         wire arrangement         brown, black, blue, white, gray           Cable identification         980           Material wire insulation         PUR           Amount wires         5           Outer diameter insulation         2,4 mm           Uuter diameter tolerance core insulation         2,5 °C           Onductor type (wire)         1,5 mm²           Material wire of single wires         0,25 mm           Conductor crossection (wire)         1,5 mm²           Material conductor wire         copper stranded wire, tinned           Conductor type (wire)         Strand class 5           Min. operating temperature (static)         -40 °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.  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  Approvals  UL 50E yes  Resistances   Cable wire arrangement brown, black, blue, white, gray  Cable identification 980  Material wire insulation PUR  Amount wires 5  Outer diameter insulation 2,4 mm  Cuter diameter tolerance core insulation 2,4 mm  Conductor crosssection (wire) 30  Diameter of single wires 0,25 mm  Conductor type (wire) Strand class 5  Min. operating temperature (static) 40 °C  Max. operating temperature min. (dynamic) 25° °C  Operating temperature max. (dynamic) 90 °C  Flame resistance Good, application-related testing  Gaodine resistance Good, application-related testing  Gaodine resistance Good, application-related testing		-25 °C
Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard IEC 61076-2-111  Approvals  UL 50E yes  Resistances   Cable  wire arrangement brown, black, blue, white, gray  Cable identification 980  wire arrangement brown, black, blue, white, gray  Material wire insulation PUR  Amount wires 5  Couter diameter insulation 2,4 mm  Outer diameter insulation 2,4 mm  Outer diameter insulation 2,5 %  Amount strands (wire) 30  Diameter of single wires 0,25 mm  Conductor rosssection (wire) 1,5 mm²  Material conductor wire copper stranded wire, tinned  Conductor type (wire) Strand class 5  Min. operating temperature (static) 40 °C  Max. operating temperature (min. (dynamic) 90 °C  Perating temperature min. (dynamic) 90 °C  Flame resistance UL 1581 \$ 1100 FT2   UL 1581 \$ 1900   IEC 60332-2-2  chemical resistance Good, application-related testing  Gasoline resistance  Good, application-related testing		
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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  Approvals  UL 50E  yes  Resistances   Cable  wire arrangement  brown, black, blue, white, gray  Cable identification  980  wire arrangement  brown, black, blue, white, gray  Material wire insulation  PUR  Amount wires  5  Outer diameter insulation  Quarter or insulation  Amount strands (wire)  30  Diameter of single wires  Conductor or osssection (wire)  1,5 mm²  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Amount strands (wire)  30  Diameter of single wires  Conductor or osssection (wire)  Conductor wire  Conductor type (wire)  Strand class 5  Min. operating temperature (static)  40 °C  Max. operating temperature (fixed)  90 °C  Operating temperature min. (dynamic)  90 °C  Islame resistance  UL 1581 § 1100 FT2   UL 1581 § 1900   IEC 60332-2-2  chemical resistance  Good, application-related testing  Good, application-related testing	•	
endangered by excessive bending forces.  Product standard IEC 61076-2-111  Approvals  UL 50E yes  Resistances   Cable  wire arrangement brown, black, blue, white, gray  Cable identification 980  wire arrangement brown, black, blue, white, gray  Material wire insulation PUR  Amount wires 5  Outer diameter insulation 2,4 mm  Outer diameter tolerance core insulation \$0  Diameter of single wires 0,25 mm  Canductor crosssection (wire) 1,5 mm²  Material conductor wire copper stranded wire, tinned  Conductor type (wire) Strand class 5  Min. operating temperature (static) 40 °C  Max. operating temperature min. (dynamic) 90 °C  Operating temperature max. (dynamic) 90 °C  Flame resistance Good, application-related testing  Gasoline resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing  Gasoline resistance	Note on strain relief	* * * *
Product standard IEC 61076-2-111  Approvals  UL 50E yes  Resistances   Cable wire arrangement brown, black, blue, white, gray  Cable identification 980 wire arrangement brown, black, blue, white, gray  Material wire insulation PUR  Amount wires 5  Outer diameter insulation 2,4 mm  Outer diameter insulation 2,5 mm  Diameter of single wires 0,25 mm  Conductor crosssection (wire) 1,5 mm²  Material conductor wire copper stranded wire, tinned  Conductor type (wire) Strand class 5  Min. operating temperature (fixed) 90 °C  Operating temperature min. (dynamic) 90 °C  Flame resistance UL 1581 § 1100 FT2   UL 1581 § 1901   IEC 60332-2-2  chemical resistance Good, application-related testing  Gasoline resistance  Good, application-related testing	Note on bending radius	
UL 50E yes  Resistances   Cable  wire arrangement brown, black, blue, white, gray  Cable identification 980  wire arrangement brown, black, blue, white, gray  Material wire insulation PUR  Amount wires 5  Outer diameter insulation 2,4 mm  Outer diameter insulation 2,4 mm  Outer diameter or insulation 50  Diameter of single wires 0,25 mm  Conductor or single wires 0,25 mm  Conductor crosssection (wire) 1,5 mm²  Material conductor wire copper stranded wire, tinned  Conductor type (wire) Strand class 5  Min. operating temperature (static) 40 °C  Max. operating temperature min. (dynamic) 25 °C  Operating temperature min. (dynamic) 90 °C  Flame resistance Check and the stranger of t	Conformity	
Resistances   Cable wire arrangement brown, black, blue, white, gray Cable identification 980 wire arrangement brown, black, blue, white, gray Material wire insulation PUR Amount wires 5 Outer diameter insulation 2,4 mm Outer diameter insulation 2,4 mm Outer diameter insulation 2,5 % Amount strands (wire) 30 Diameter of single wires 0,25 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire copper stranded wire, tinned Conductor type (wire) Strand class 5 Min. operating temperature (static) 40 °C Max. operating temperature (fixed) 90 °C Operating temperature min. (dynamic) -25 °C Operating temperature min. (dynamic) 90 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing	Product standard	IEC 61076-2-111
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wire arrangement brown, black, blue, white, gray  Cable identification 980 wire arrangement brown, black, blue, white, gray  Material wire insulation PUR  Amount wires 5 Outer diameter insulation 2,4 mm Outer diameter tolerance core insulation ± 5 %  Amount strands (wire) 30 Diameter of single wires 0,25 mm  Conductor crosssection (wire) 1,5 mm²  Material conductor wire copper stranded wire, tinned  Conductor type (wire) Strand class 5  Min. operating temperature (statio) -40 °C  Max. operating temperature (fixed) 90 °C  Operating temperature max. (dynamic) -25 °C  Operating temperature max. (dynamic) 90 °C  Flame resistance UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing	UL 50E	yes
Cable identification 980 wire arrangement brown, black, blue, white, gray  Material wire insulation PUR  Amount wires 5 Outer diameter insulation 2,4 mm Outer diameter tolerance core insulation ±5 %  Amount strands (wire) 30 Diameter of single wires 0,25 mm  Conductor crosssection (wire) 1,5 mm²  Material conductor wire copper stranded wire, tinned  Conductor type (wire) Strand class 5  Min. operating temperature (fixed) 90 °C  Operating temperature min. (dynamic) -25 °C  Operating temperature max. (dynamic) 90 °C  Flame resistance UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2 chemical resistance Good, application-related testing  Gasoline resistance  Good, application-related testing	Resistances   Cable	
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Material wire insulation PUR  Amount wires 5 Outer diameter insulation 2,4 mm Outer diameter tolerance core insulation ± 5 % Amount strands (wire) 30 Diameter of single wires 0,25 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire copper stranded wire, tinned Conductor type (wire) Strand class 5 Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 90 °C Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 90 °C Flame resistance UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing	Cable identification	980
Amount wires 5 Outer diameter insulation 2,4 mm Outer diameter tolerance core insulation ± 5 % Amount strands (wire) 30 Diameter of single wires 0,25 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire copper stranded wire, tinned Conductor type (wire) Strand class 5 Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 90 °C Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 90 °C Flame resistance UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing	wire arrangement	brown, black, blue, white, gray
Outer diameter insulation 2,4 mm Outer diameter tolerance core insulation ± 5 %  Amount strands (wire) 30  Diameter of single wires 0,25 mm  Conductor crosssection (wire) 1,5 mm²  Material conductor wire copper stranded wire, tinned  Conductor type (wire) Strand class 5  Min. operating temperature (static) -40 °C  Max. operating temperature (fixed) 90 °C  Operating temperature min. (dynamic) -25 °C  Operating temperature max. (dynamic) 90 °C  Flame resistance UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing	Material wire insulation	PUR
Outer diameter tolerance core insulation       ± 5 %         Amount strands (wire)       30         Diameter of single wires       0,25 mm         Conductor crosssection (wire)       1,5 mm²         Material conductor wire       copper stranded wire, tinned         Conductor type (wire)       Strand class 5         Min. operating temperature (static)       -40 °C         Max. operating temperature (fixed)       90 °C         Operating temperature min. (dynamic)       -25 °C         Operating temperature max. (dynamic)       90 °C         Flame resistance       UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing	Amount wires	5
Amount strands (wire)30Diameter of single wires0,25 mmConductor crosssection (wire)1,5 mm²Material conductor wirecopper stranded wire, tinnedConductor type (wire)Strand class 5Min. operating temperature (static)-40 °CMax. operating temperature (fixed)90 °COperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)90 °CFlame resistanceUL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testing	Outer diameter insulation	2,4 mm
Amount strands (wire)30Diameter of single wires0,25 mmConductor crosssection (wire)1,5 mm²Material conductor wirecopper stranded wire, tinnedConductor type (wire)Strand class 5Min. operating temperature (static)-40 °CMax. operating temperature (fixed)90 °COperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)90 °CFlame resistanceUL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testing	Outer diameter tolerance core insulation	±5%
Conductor crosssection (wire) 1,5 mm²  Material conductor wire copper stranded wire, tinned  Conductor type (wire) Strand class 5  Min. operating temperature (static) -40 °C  Max. operating temperature (fixed) 90 °C  Operating temperature min. (dynamic) -25 °C  Operating temperature max. (dynamic) 90 °C  Flame resistance UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing		30
Conductor crosssection (wire) 1,5 mm²  Material conductor wire copper stranded wire, tinned  Conductor type (wire) Strand class 5  Min. operating temperature (static) -40 °C  Max. operating temperature (fixed) 90 °C  Operating temperature min. (dynamic) -25 °C  Operating temperature max. (dynamic) 90 °C  Flame resistance UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing	Diameter of single wires	0,25 mm
Conductor type (wire)  Strand class 5  Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Operating temperature max. (dynamic)  Flame resistance  UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2  chemical resistance  Good, application-related testing  Good, application-related testing		1,5 mm <sup>2</sup>
Min. operating temperature (static)  Max. operating temperature (fixed)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Operating temperature min. (dynamic	Material conductor wire	copper stranded wire, tinned
Max. operating temperature (fixed) 90 °C  Operating temperature min. (dynamic) -25 °C  Operating temperature max. (dynamic) 90 °C  Flame resistance UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing	Conductor type (wire)	Strand class 5
Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  90 °C  Flame resistance  UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2  chemical resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing	Min. operating temperature (static)	-40 °C
Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  90 °C  Flame resistance  UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2  chemical resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing	Max. operating temperature (fixed)	90 °C
Flame resistance  UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2  chemical resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing		-25 °C
Flame resistance  UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2  chemical resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing		90 °C
chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing		UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2
Gasoline resistance Good, application-related testing		
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		DIN EN 60811-404   Good, application-related testing