

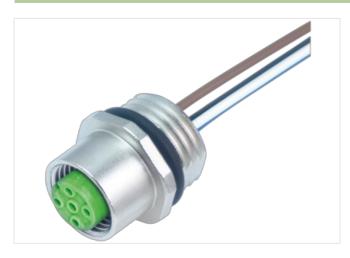
## M12 female recept. A-cod. front incl. nut

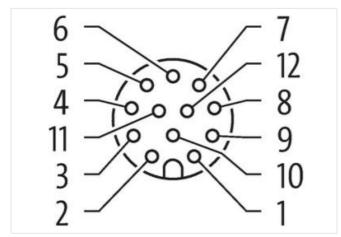
TPE-wires 12x0.14 2m

Flange female M12, 12-pole Front mounting with multi-strand wire

## Link to Product

Illustration





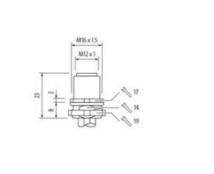
Product may differ from Image



Cable length	2 m	
Side 1		
Tightening torque	0,6 Nm	
Mounting method	inserted, screwed	
Coating contact	gold plated	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-11

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Thread      M12 1        Coding      A        Material      Cooper ratio;        Material      Znc de-casting        A. of Johiel      12        Dargee of protection (EN EE 68029)      IP67        Commercial Cast      27279220        ECLASS-6.0      27279220        ECLASS-6.1      27279220        ECLASS-7.0      27440103        ECLASS-7.0      27440103        ECLASS-8.0      27440103        ECLASS-7.0      27440103        ECLASS 7.0      27440103	Family construction form	M12
Indexistal      Copperatory        Material      Zinc die-aasting        No di polos      12        Dargona of protocton (EN EC 66259)      IP67        Commercial data      E        ECLASS 6.0      2279220        ECLASS 5.1      227270220        ECLASS 5.0      27440103        ECLASS 5.1.0      27440103        ECLASS 5.1.0      27440103        ECLASS 5.1.0      27440103        ECLASS 5.1.0      ECASS 5.1        CLASS 5.1.0      ECASS 5.4        Packaging unit      1        Electrical data   Supply      Contrast 5.5        Operating voltage AC max.      30 V        Current operating per contact max.      1,5 A        Diagnostics      Status addiation LED        Validit across tabits      Styll 9        Devictor NEMA      3,4 oP        Additional Contaction protection adgree      1        Materiag status      Material Supply 10   <	Thread	M12 x 1
Mathemal      Zive diversating        No. of poles      12        Degree of projection (EN IEC 60528)      IPO7        Commercial data      ECLASS-6.0        ECLASS-6.1      27279220        ECLASS-7.0      27440103        ECLASS-7.0	Coding	Α
No. of poles      12        Degree of polection (EN IEC 68529)      1967        Commercial das      22737820        ECLASS-6.0      22737820        ECLASS-7.0      27440103        Ectrical distal Suppy      0        Operatiny voltage AC max <td>Material contact</td> <td>Copper alloy</td>	Material contact	Copper alloy
Dagree of protection (EN IEC 60528)      IP67        Commercial data      E        ECLASS 5.0      27278220        ECLASS 5.1      27278220        ECLASS 5.0      27440103        ECLASS 5.0      27440103        ECLASS 5.0.      27440103        ECLASS 5.1.0      27440103        Exercical data [Soppy      0        Operatiny evolage AC max.      30 V	Material	Zinc die-casting
ECA.95.0.0      2727920        ECA.95.8.0.1      2727920        ECA.95.8.0.1      2740103        ECA.85.7.0      2740103        ECA.85.8.0      2740103        ECA.85.8.0      2740103        ECA.85.8.0      2740103        ECA.85.8.1.1      2740103        ECA.85.8.1.1      2740103        ECA.85.8.1.1      2740103        ECA.85.8.1.1      2740103        ECA.85.8.1.1      2740103        ECA.85.8.1.1      2740103        ECA.85.8.1.2.0      2740103        ECA.85.8.1.1      27404013        ECA.85.8.1.1      27404013        ECA.85.8.1.2.0      2740103        ECA.85.8.1.1      27404013        ECA.85.8.1.2.0      2740103        ECA.85.8.1.1      27404013        ECA.85.8.1.2.0      27404013        ECA.85.8.1.2.0      27404013        ECA.85.8.1.2.0      27404013        ECA.85.8.1.2.0      27404013        ECA.85.8.1.2.0      20 V        Coursen derating per contact max.      1.5 A        Diaporating voltage D max.      30 V   <	No. of poles	12
ECLASS 4.0      2727920        ECLASS 5.1      2727920        ECLASS 5.0      27440103        ECLASS 5.0      27440103        ECLASS 5.0      27440103        ECLASS 5.1      27440103        ECLASS 1.1      27440103        ECLASS 1.2      27440103        ECLASS 1.2      27440103        ECLASS 1.2      27440103        ETMA 5.0      EC001855        customs taiff number      8544230        GTN      40487885534        Pabaging unt      1        Erectrical dal Supply      Operating values AC max.        Operating values AC max.      30 V        Current operating por context max.      15 A        Mouning set      M16 x 1.5        Wolfh arces fats      SW19        Device protection   Electrical      7        Pated surge votage      0.8 IV <td>Degree of protection (EN IEC 60529)</td> <td>IP67</td>	Degree of protection (EN IEC 60529)	IP67
ECLASS 8.1      2727920        ECLASS 8.0      27440103        ECLASS 8.11.1      27440103        ECLASS 12.0      2740103        ECLASS 12.0      2740103        ECLASS 12.0      2740103        ECLASS 12.0      1        Eccass 12.0      1        Eccass 12.0      1        Eccass 12.0      2740103        Eccass 12.0      1        Morting set	Commercial data	
ECLASS-7.0      2740103        ECLASS-8.0      2740103        ECLASS-9.0      2740103        ECLASS-9.0      2740103        ECLASS-10.1      2740103        ECLASS-11.1      2740103        ECLASS-12.0      27440103        ECLASS-12.0      27440103        ETM-5.0      EC001855        ousdoms turff number      8544290        GTIN      404807983534        Packaging unt      1        Electrical data [Supply      Operating voltage AC max.        Operating voltage AC max.      30 V        Cournert operating up or contact max.      1,5 A        Diagnostics      Electrical feature        Virth across flats      SW19        Device protection [Electrical      SW19        Device protection [Electrical      SW19        Polacion Degree      3        Additional condition protection degree      1        Fladed surgo voltage      0.8 kV        Material group (IEC 60664+1)      1        Metarial group (IEC 60664+1)      1        Metarial group (IEC 60664+1)      1        Metarial group (IEC 60664+1) </td <td>ECLASS-6.0</td> <td>27279220</td>	ECLASS-6.0	27279220
ECLASS 8.0      27440103        ECLASS 9.0      27440103        ECLASS 10.1      27440103        ECLASS 11.1      27440103        ECLASS 12.0      27440103        ECLASS 11.1      27440103        ECLASS 12.0      27440103        ECLASS 11.1      27440103        ECLASS 12.0      27440103        ECLASS 11.1      27440103        ECLASS 11.1      27440103        ECLASS 12.0      27440103        ECLASS 10.0      20        Operaing voltage 0.0      30 V        Operaing voltage DC max.      30 V        Diagnostics      5        Status indication LED      0        Installation Connection      15 k        Mounting set      M16 k 1.5        With across f	ECLASS-6.1	27279220
ECLASS-9.0      27440103        ECLASS-10.1      27440103        ECLASS-11.1      27440103        ECLASS-12.0      27440103        ECLASS-12.0      27440103        ECLASS-12.0      27440103        ECMSS-11.1      0.2440103        ECMSS-12.0      27440103        ECMSS-11.1      0.2440103        ECMSS-11.1      0.2440103        ECMSS-12.0      27440103        ECMSS-11.1      0.244200        GTIN      4048279836534        Packaging unit      1        Electrical distal Supply      Coversing voltage AC max.        Operating voltage AC max.      30 V        Operating voltage AC max.      30 V        Operating voltage DC max.      30 V        Operating voltage AC max.      30 V        Mounting set      M16 x 1.5        Wolth across flats      SW19        Device protection 1 Electrical      Protection NEMA        Protection NEMA      3.4.6 P </td <td>ECLASS-7.0</td> <td>27440103</td>	ECLASS-7.0	27440103
ECLASS-10.1      27440103        ECLASS-11.1      27440103        ECLASS-12.0      27440103        ETM-5.0      E0001855        castems taffit number      65444290        GTIN      404897938534        Packaging unit      1        Electrical data [Supply      Operating voltage AC max.        Operating voltage AC max.      30 V        Outgo positics      Status indication LED        Status indication LED      no        Installation   Connection      Modeling set        Moduling set      M16 x 1.5        Width across flats      SW19        Device protection [Electrical      Perolection VEMA        Addition protection degree      inserted, sorewed        Pollution Degree      3        Rated surge voltage      0.8 kV        Material group (ICC 6064-1)      1        Mechanical data   Material data      Cacating chira   Material gashet        Locking acting	ECLASS-8.0	27440103
ECLASS-12.0    27440103      ECLASS-12.0    27440103      ECLASS-12.0    ECO01855      customs tariff number    85444290      GTIN    4048979835534      Packaging unit    1      Electrical data   Supply    Control of the supply      Operating voltage AC max.    30 V      Operating voltage AC max.    30 V      Cournet operating per contact max.    1,5 A      Diagnostics    Control of the supply      Status indication LED    no      Installation   Connection    Mife X 1.5      Width across flats    SW19      Device protection Pletertical    Protection protection degree      Polution Degree    3      Rated surge voltage    0,8 V      Material gradu (EC 60664-1)    1      Mechanical data   Material data    Zine die-casting      Coating locking    Nickeled      Coating locking    Nickeled      Coating of fitting    miserled, screwed      Polution Degree    Zine die-casting      Material gaster    FKM      Locking material    Zine die-casting      Material gaster    FKM	ECLASS-9.0	27440103
ECLASS-12.0    2740103      ETIM-5.0    EC001855      oustoms tariff number    8544290      GTIN    404887893534      Packaging unit    1      Electrical data   Supply    Operating voltage AC max.      Operating voltage AC max.    30 V      Operating voltage AC max.    30 V      Operating voltage AC max.    30 V      Operating voltage AC max.    1,5 A      Diagnostice    Incol      Status indication LED    no      Mounting sel    M16 x 1.5      Width across flats    SW19      Device protection   Electrical    Protection NEMA      Additional condition protection degree    inserted, screwed      Paluicin Degree    3      Rade surge voltage    0,8 kV      Material group (IEC 60684-1)    1      Mechanical data   Material data    Coating of fling      Coating of fling    nickel plated      Material gasket    FKM      Locking material    Zinc die-casting      Meterial data Mounting data    Zinc die-casting      Meterial data IMounting data    Sin Ci      Operating temporature min.<	ECLASS-10.1	27440103
ETIM-5.0      EC001855        customs tairfi number      85444290        GTIN      404887963534        Packaging unit      1        Electrical data   Supply      Operating voltage AC max.        Operating voltage DC max.      30 V        Operating outge DC max.      30 V        Current operating per contact max.      1,5 A        Diagnostics      Status indication LED        Status indication I ED      no        Installation I Connection      Mounting set        Width across flats      SW19        Device protection I Electrical      Protection NEMA        Polation Degree      3        Additional condition protection degree      inserted, screwed        Polution Degree      3        Rated surge voltage      0,8 kV        Material group (EG 60664-1)      I        Macharid group (EG 60667-1)      I        Mechanical data   Material data      Coaling of fitting        Casting of fitting      nickel plated        Gasting of fitting      nickel plated        Material gaset      FKM        Locking material      Locking dia Mounting data <tr< td=""><td>ECLASS-11.1</td><td>27440103</td></tr<>	ECLASS-11.1	27440103
customs tariff number  85444290    GTIN  4048873835534    Packaging unit  1    Electrical data   Supply    Operating voltage AC max.  30 V    Operating voltage AC max.  30 V    Current operating net contact max.  1,5 A    Diagnostics  Status indication LED    Istal indication LED  no    Installation   Connection  M16 x 1.5    Width across flats  SW19    Device protection   Electrical  Protection NEMA    Protection NEMA  3, 4, 6P    Additional condition protection degree  inserted, screwed    Polution Degree  3    Rated surge voltage  0,8 kV    Meterial group (IEC 60664-1)  I    Meterial group (IEC 60664-1)	ECLASS-12.0	27440103
GTIN  404887983554    Packaging unit  1    Electrical data   Supply  Operating voltage DC max.  30 V    Operating voltage DC max.  30 V    Current operating per contact max.  1.5 A    Diagnostice  Image: Contact max.    Status indication LED  no    Installation   Connection  Multist 1.5    Work across flats  SW19    Device protection   Electrical  Protection NEMA    7 Protection NEMA  3, 4, 6P    Additional condition protection degree  inserted, screwed    Polution Degree  3    Rated surge voltage  0,8 kV    Material group (IEC 60664-1)  I    Mechanical data   Material data  Coating of fling    Coating of fling  nickel plated    Material gasket  FKM    Locking material  Zin: die-casting    Meterial data   Mounting data  Zin: die-casting    Meterial condition temperature min.  -25 °C    Opprating temperature min.  -25 °C	ETIM-5.0	EC001855
Packaging unit    1      Electrical data   Supply    Operating voltage AC max.    30 V      Operating voltage DC max.    30 V      Current operating per contact max.    1,5 A      Diagnostics    Status indication LED    no      Installation   Connection    Installation   Connection      Worth access flats    SW19      Device protection   Electrical    Protection networks      Protection networks    3, 4, 6P      Additional condition protection degree    inserted, screwed      Pollution Degree    3      Rated surge voltage    0,8 kV      Material group (EC 60664-1)    1      Mechanical data   Material data    Coating looking      Coating looking    Nickeled      Coating looking    Nickeled      Coating looking    Nickeled      Coating looking    Nickeled      Material gasket    FKM      Looking material    Zinc die-casting      Mechanical data   Mounting data    .425 °C      Operating temperature man,    85 °C 2      Operating temperature range    depending on cable quality      Important installation notes    Note on str	customs tariff number	85444290
Electrical data   Supply        Operating voltage AC max.      30 V        Operating voltage DC max.      30 V        Current operating per contact max.      1,5 A        Diagnostics      Status indication LED        Installation   Connection      no        Installation   Connection      Mounting set        Mounting set      M16 x 1.5        With across flats      SW19        Device protection   Electrical      Protection NEMA        Protection NEMA      3, 4, 6 P        Additional condition protection degree      inserted, screwed        Polution Degree      3        Rated surge voltage      0,8 kV        Material group (IEC 60664-1)      1        Mechanical data   Material data      Coating of fitting        Coating locking      Nickeled        Coating locking      Nickeled        Coating agenterial      Zinc die-casting        Material group      Zinc die-casting        Material group      28 °C        Operating temperature min.      -28 °C        Operating temperature min.      -28 °C        Operating temperature max.      85 °C	GTIN	4048879835534
Operating voltage AC max.      30 V        Operating voltage AC max.      30 V        Current operating per contact max.      1,5 A        Diagnostics      Istau indication LED        Status indication LED      no        Installation   Connection      Mounting set        Mounting set      M16 x 1.5        Width across flats      SW19        Device protection   Electrical      Protection NEMA        Protection NeMA      3, 4, 6P        Additional condition protection degree      inserted, screwed        Pollution Degree      3        Rated surge voltage      0,8 kV        Material group (IEC 60664-1)      1        Mechanical data   Material data      Coating locking        Coating locking      Nickeled        Coating locking      Nickeled        Coating in thing      nickel plated        Material gasket      FKM        Locking material      Zinc die-casting        Material screw connection      Zinc die-casting        Material gasket      FKM        Locking material      Zinc die-casting        Material gasket      Sin Cle -casting <t< td=""><td>Packaging unit</td><td>1</td></t<>	Packaging unit	1
Operating voltage DC max.      30 V        Current operating per contact max.      1,5 A        Diagnostics      Status indication LED        Status indication LED      no        Installation   Connection      Mile x 1.5        Width across flats      SW19        Device protection   Electrical      Protection NEMA        Protection network      3, 4, 6P        Additional condition protection degree      inserted, screwed        Pollution Degree      3        Rated surge voltage      0,8 kV        Material group (IEC 60664-1)      1        Mechanical data   Material data      Coating of fitting        Coating of fitting      nickel plated        Material gaket      FKM        Locking material      Zinc die-casting        Material screw connection      Zinc die-casting        Mounting method      inserted, screwed	Electrical data   Supply	
Current operating per contact max.    1,5 A      Diagnostics      Status indication LED    no      Installation   Connection      Mounting set    M16 x 1.5      With across flats    SW19      Device protection   Electrical      Protection NEMA    3, 4, 6P      Additional condition protection degree    inserted, screwed      Pollution Degree    3      Rated surge voltage    0,8 kV      Material group (IEC 60664-1)    1      Mechanical data   Material data    Coating locking      Coating locking    Nickeled      Coating locking    Nickeled      Coating locking    Zinc die-casting      Material gasket    FKM      Locking material    Zinc die-casting      Material screw connection    Zinc die-casting      Mounting method    inserted, screwed      Environmental characteristics   Climatic    Qperating temperature min.      Operating temperature min.    -25 °C      Operating temperature min.    -25 °C      Operating temperature max.    85 °C      Additional condition notes    Protect the connenectors by suitable measures from mechanical loads, e.	Operating voltage AC max.	30 V
Diagnostics        Status indication LED      no        Installation   Connection      Installation   Connection        Mounting set      M16 × 1.5        Width across flats      SW19        Device protection   Electrical      Frotection NEMA        Protection NEMA      3, 4, 6 P        Additional condition protection degree      inserted, screwed        Pollution Degree      3        Rated surge voltage      0,8 kV        Material group (IEC 60664-1)      1        Mechanical data [Material data      Coating of fitting        Coating of fitting      nickel plated        Material gasket      FKM        Locking material      Zinc die-casting        Material screw connection      Zinc die-casting        Material screw connection      Zinc die-casting        Methanical data   Mounting data      Mounting method        Mounting method      inserted, screwed        Environmental characteristics   Climatic      Qperating temperature min.        -25 °C      Operating temperature min.      -25 °C        Operating temperature max.      85 °C        Additional condition temperature range      depending o	Operating voltage DC max.	30 V
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Installation   Connection        Mounting set      M16 x 1.5        Witch across flats      SW19        Device protection   Electrical      Protection NEMA        Protection NEMA      3, 4, 6P        Additional condition protection degree      inserted, screwed        Pollution Degree      3        Rated surge voltage      0.8 kV        Material group (IEC 60664-1)      1        Mechanical data   Material data      Coating locking        Coating locking      Nickeled        Coating softliting      nickel plated        Material gasket      FKM        Locking material      Zinc die-casting        Material gasket      FCM        Operating temperature min.      -25 °C        Operating temperature min.      -25 °C	Diagnostics	
Mounting set      M16 x 1.5        Width across flats      SW19        Device protection   Electrical        Protection NEMA      3, 4, 6P        Additional condition protection degree      inserted, screwed        Pollution Degree      3        Rated surge voltage      0,8 kV        Material group (IEC 60664-1)      1        Mechanical data   Material data      Coating of fitting        Coating of fitting      nickel plated        Material gasket      FKM        Locking material      Zinc die-casting        Material screw connection      Zinc die-casting        Mechanical data   Mounting data      Mounting method        Mounting method      inserted, screwed        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.	Status indication LED	no
Width across flats    SW19      Device protection   Electrical      Protection NEMA    3, 4, 6P      Additional condition protection degree    inserted, screwed      Pollution Degree    3      Rated surge voltage    0,8 kV      Material group (IEC 60664-1)    1      Mechanical data   Material data    Coating of fitting      Coating of fitting    nickel plated      Material gasket    FKM      Looking material    Zinc die-casting      Material screw connection    Zinc die-casting      Mechanical data   Mounting data    Mounting method      Mounting method    inserted, screwed      Environmental characteristics   Climatic    Operating temperature min.      Operating temperature min.    -25 °C      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, e.g. by the usage of cable ties.	Installation   Connection	
Device protection   Electrical        Protection NEMA      3, 4, 6P        Additional condition protection degree      inserted, screwed        Pollution Degree      3        Rated surge voltage      0,8 kV        Material group (IEC 60664-1)      1        Mechanical data   Material data      Coating locking        Coating locking      Nickeled        Coating of fitting      nickel plated        Material gasket      FKM        Locking material      Zinc die-casting        Material screw connection      Zinc die-casting        Meuning method      inserted, screwed        Environmental characteristics   Climatic      Operating temperature min.        -25 °C      Operating temperature max.      85 °C        Additional condition temperature may      4pending 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.	Mounting set	M16 x 1.5
Protection NEMA    3, 4, 6 P      Additional condition protection degree    inserted, screwed      Pollution Degree    3      Rated surge voltage    0,8 kV      Material group (IEC 60664-1)    1      Mechanical data   Material data    Coating locking      Coating locking    Nickeled      Coating of fitting    nickel plated      Material gasket    FKM      Locking material    Zinc die-casting      Material screw connection    Zinc die-casting      Mounting method    inserted, screwed      Environmental characteristics   Climatic    Operating temperature min.      -25 °C    Operating temperature max.    85 °C      Additional condition temperature range    depending on cable quality      Important installation notes    Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.      Note on strain relief    Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	Width across flats	SW19
Additional condition protection degree    inserted, screwed      Pollution Degree    3      Rated surge voltage    0,8 kV      Material group (IEC 60664-1)    I      Mechanical data   Material data    Coating locking    Nickeled      Coating locking    Nickeled    Coating of fitting      Coating of fitting    nickel plated    Material gasket      Material gasket    FKM    Ecoking material      Locking material    Zinc die-casting      Material screw connection    Zinc die-casting      Mechanical data   Mounting data    Mounting method      Mounting method    inserted, screwed      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.      Note on strain relief    Protect the permissible bending radii when laying cables, as the IP protection class can be	Device protection   Electrical	
Additional condition protection degree    inserted, screwed      Pollution Degree    3      Rated surge voltage    0,8 kV      Material group (IEC 60664-1)    I      Mechanical data   Material data    Coating locking    Nickeled      Coating locking    Nickeled    Coating of fitting      Coating of fitting    nickel plated    Material gasket      Material gasket    FKM    Ecoking material      Locking material    Zinc die-casting      Material screw connection    Zinc die-casting      Mechanical data   Mounting data    Mounting method      Mounting method    inserted, screwed      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.      Note on strain relief    Protect the permissible bending radii when laying cables, as the IP protection class can be	Protection NEMA	3, 4, 6P
Rated surge voltage    0.8 kV      Material group (IEC 60664-1)    I      Mechanical data   Material data    I      Coating locking    Nickeled      Coating of fitting    nickel plated      Material gasket    FKM      Locking material    Zinc die-casting      Material screw connection    Zinc die-casting      Mechanical data   Mounting data    Mounting method      Mounting method    inserted, screwed      Environmental characteristics   Climatic    Operating temperature min.      -25 °C    Operating temperature max.    85 °C      Additional condition temperature range    depending on cable quality      Important installation notes    Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.      Note on strain relief    Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.      Note on strain relief    Protect the permissible bending radii when laying cables, as the IP protection class can be		
Rated surge voltage    0.8 kV      Material group (IEC 60664-1)    I      Mechanical data   Material data    I      Coating locking    Nickeled      Coating of fitting    nickel plated      Material gasket    FKM      Locking material    Zinc die-casting      Material screw connection    Zinc die-casting      Mechanical data   Mounting data    Mounting method      Mounting method    inserted, screwed      Environmental characteristics   Climatic    Operating temperature min.      -25 °C    Operating temperature max.    85 °C      Additional condition temperature range    depending on cable quality      Important installation notes    Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.      Note on strain relief    Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.      Note on strain relief    Protect the permissible bending radii when laying cables, as the IP protection class can be	Pollution Degree	3
Mechanical data   Material data      Coating locking    Nickeled      Coating of fitting    nickel plated      Material gasket    FKM      Locking material    Zinc die-casting      Material screw connection    Zinc die-casting      Mechanical data   Mounting data    Mounting method      Mounting method    inserted, screwed      Environmental characteristics   Climatic    Operating temperature min.      Operating temperature max.    85 °C      Additional condition temperature range    depending on cable quality      Important installation notes    Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.      Note on strain relief    Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	Rated surge voltage	0,8 kV
Coating locking    Nickeled      Coating of fitting    nickel plated      Material gasket    FKM      Locking material    Zinc die-casting      Material screw connection    Zinc die-casting      Material screw connection    Zinc die-casting      Mechanical data   Mounting data    Mounting method      Mounting method    inserted, screwed      Environmental characteristics   Climatic    Operating temperature min.      -25 °C    Operating temperature max.      Additional condition temperature range    depending on cable quality      Important installation notes    Note on strain relief      Note on strain relief    Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.      Note on strain relief    Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be	Material group (IEC 60664-1)	
Coating of fitting    nickel plated      Material gasket    FKM      Locking material    Zinc die-casting      Material screw connection    Zinc die-casting      Mechanical data   Mounting data    Mounting method      Mounting method    inserted, screwed      Environmental characteristics   Climatic    Operating temperature min.      Operating temperature max.    85 °C      Additional condition temperature range    depending on cable quality      Important installation notes    Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.      Note on strain relief    Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	Mechanical data   Material data	
Coating of fitting    nickel plated      Material gasket    FKM      Locking material    Zinc die-casting      Material screw connection    Zinc die-casting      Mechanical data   Mounting data    Mounting method      Mounting method    inserted, screwed      Environmental characteristics   Climatic    Operating temperature min.      Operating temperature max.    85 °C      Additional condition temperature range    depending on cable quality      Important installation notes    Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.      Note on strain relief    Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	Coating locking	Nickeled
Material gasket    FKM      Locking material    Zinc die-casting      Material screw connection    Zinc die-casting      Mechanical data   Mounting data    Mounting method      Mounting method    inserted, screwed      Environmental characteristics   Climatic    Operating temperature min.      -25 °C    Operating temperature max.      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.		
Locking material    Zinc die-casting      Material screw connection    Zinc die-casting      Mechanical data   Mounting data    Mounting method      Mounting method    inserted, screwed      Environmental characteristics   Climatic    Operating temperature min.      Operating temperature max.    85 °C      Additional condition temperature range    depending on cable quality      Important installation notes    Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.      Nate on banding radius    Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be		
Material screw connection    Zinc die-casting      Mechanical data   Mounting data    Mounting method    inserted, screwed      Mounting method    inserted, screwed    Commental characteristics   Climatic      Operating temperature min.    -25 °C    Commental characteristics   Climatic      Operating temperature max.    85 °C    Additional condition temperature range    depending on cable quality      Important installation notes    Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.      Nate on strain relief    Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.      Nate on banding radius    Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be		Zinc die-casting
Mounting method    inserted, screwed      Environmental characteristics   Climatic      Operating temperature min.    -25 °C      Operating temperature max.    85 °C      Additional condition temperature range    depending on cable quality      Important installation notes    Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.      Note on strain relief    Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.      Nate on barding radius    Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be		
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Operating temperature min.    -25 °C      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.      Nate on banding radius    Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be	Mounting method	inserted, screwed
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.      Nate on barding radius    Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be	Environmental characteristics   Climatic	
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 strain relief    Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be	Operating temperature min.	-25 °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 brading radius    Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be		85 °C
Note on strain relief    Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.      Note on brading radius    Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be		depending on cable quality
Nate on bonding radius      Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be	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 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.

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-11

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## Approvals

UL 50E	yes
Installation   Cable	
Cable identification	979
wire arrangement	brown, blue, white, green, pink, yellow, black, gray, red, violet, gray-pink, red-blue
Material wire insulation	PP
Amount wires	12
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Conductor crosssection (wire)	0,14 mm <sup>2</sup>
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	85 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	85 °C
Flame resistance	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter

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