

## PASSIVE-DI0° PLASTIC,8XM12,5POL,PRE-WIRED CABLE

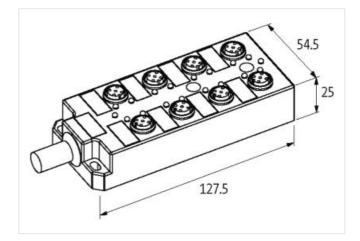
15.0m PUR-JB 16\*0,34+3\*0,75

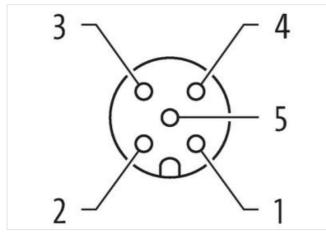
8-way, 5-pole PUR/PVC 15.0 m with LED for digital PNP-signals 24 V DC Further cable lengths on request. Plastic housings with good resistance against chemicals and oils.

## Link to Product









Product may differ from Image

## Commercial data ECLASS-6.0 27279219 ECLASS-6.1 27279219 ECLASS-7.0 27279219 ECLASS-8.0 27279219 ECLASS-9.0 27440108 ECLASS-10.1 27440108 ECLASS-11.1 27440108 ECLASS-12.0 27440108

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: 2024-04-24

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ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879062909
Packaging unit	1
Electrical data   Supply	
Operating voltage DC	24 V
Current operating per contact max.	4 A
Total current max.	10 A
Industrial communication	
Number of signals per port	2
Installation   Connection	-
Mounting set	M12 x 1
Device protection   Electrical	
Degree of protection (EN IEC 60529)	IP67
Additional condition protection degree	inserted, screwed
Mechanical data   Mounting data	
Mounting method	Schraubgewinde
Height	127,5 mm
Width	54,5 mm
Depth	25 mm
Environmental characteristics   Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	80 °C
Installation   Cable	
Cable identification	398
Cable Type	2
Jacket Color	gray
Type of Certificate	cURus
STOOW style jacket	Hybrid, Signal, Power
Amount stranding	1
Stranding	7 wires around Core filler twisted
Amount stranding (type 2)	1
Stranding (type 2)	12 wires around Stranding combination twisted
wire arrangement	white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow)
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Cable weigth	165 g/m
Material jacket	PUR
Shore hardness jacket	87 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	10 mm
Tolerance outer diameter (sheath)	±5%
Material inner jacket	PVC
Color (inner jacket)	gray
Material wire insulation	PVC
Amount wires	16
Outer diameter insulation	1,3 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	43 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
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Conductor prosessories     0.94 mm <sup>2</sup> Material conductor wire     Stranduct case 5       Material conductor wire insulation (Power)     PVC       Conductor type wire insulation (Power)     1.8 mm       Tolerance subter diameter wire insulation (Power)     4.5 %       Strops the insulation (Power)     4.4       Diameter of single wires (Power)     3       Arrount strands wire (Power)     0.15 mm       Material inclusion (Power)     4.4       Diameter of single wires (Power)     0.15 mm       Arrount strands wire (Power)     atrandt disass 6       Conductor type wire (Power)     atrandt disass 6.1       Conductor (power) (Finandul Seg 0.2 %     C       Current Uad capacity (siminature)     5.7 D Arro (Be2 0.2 %       Current Uad capacity (siminature)     5.0 V Arro (Be2 0.2 %       Loop resistance     5.0 V M Me2 0.2 %       Loop resistance     3.0 V <	Diameter of single wires	0,15 mm
Conductor type (wire)     Strand dass 5       Matarial wire naulation (Power)     PVG       Outer diameter wire insulation     1.5 %.       Tolerance outer diameter wire insulation (Power)     4.5 %.       Strop hardness wire insulation (Power)     42.5 Shorn D       Material properties wire insulation (Power)     42.5 Shorn D       Material properties wire insulation (Power)     42.5 Shorn D       Amount wires (Power)     3       Amount wires (Power)     3       Amount wires (Power)     0.15 mm       Material properties wire insulation (Power)     0.55 mm <sup>1</sup> Material conductor wire (Power)     51 mm       Conductor type wire (Power)     51 mm (Power)       Attarial capabity (standord)     10 DN VDE 0288-4       Current tox capabity (standord)     10 DN VDE 0288-4       Current tox capabity (standord)     300 V       Attar voltage power (conductor - gruncit)     300 V       Max: radv voltage power (conductor - gruncit)     300 V       Powert frequency with	Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material win insulation (Power)     PVC       Outer diameter wire insulation (Power)     1.8 mm       (Power)     1.8 mm       (Power)     1.5 %       Shore hardness wire insulation (Power)     0.00 deathinshilly       Ingredient termess wire insulation (Power)     0.00 deathinshilly       Ingredient termess wire insulation (Power)     3       Amount vises (Power)     3       Amount vises (Power)     42       Daneter of single wire (Power)     0.15 mm       Wire conductor cross section (Power)     0.15 mm       Material conductor wire (Power)     Stranded copper wire, bare       Contractor type wire (Power)     Stranded copper wire, bare       Current cod capacity mix. wire     4A       Electrical resistance (Power)     20 fm (#20 °C       Loop resistance     7, A A       Max. rated voltage power (conductor - cound)     300 V       Max. rated voltage power (conductor - cound)     300 V       Mix. oparaling te	Material conductor wire	Stranded copper wire, bare
Outer diameter wire insulation [Power]     1.8 mm       Tolerance outer diameter wire insulation [Power]     45 %       Shore hardness wire insulation (Power)     425 Shore D       Material propense wire insulation (Power)     isad "new insulation"       Ingredient freeness wire insulation (Power)     isad "new insulation"       Amount straids wires (Power)     3       Amount straids wires (Power)     42       Darated of single wires (Power)     515 mm       Wire conductor wire (Power)     514 mmd copport wire, bare       Conductor vire (Power)     516 mm 25 °C       Current load capacity (strandard)     to DIN VDE 0288-4       Current load capacity (strandard)     52 DAm @20 °C       Electrical resistance calls wire (Power)     30 U       Max. rated voltage power (conductor - ground)     300 V       Max. rated voltage power (conductor - ground)     30 V       Power Insulation voltage power (conductor - ground)     30 V       Power Insulation voltage power (wire - wire)     24 VØ @ 60 s </td <td>Conductor type (wire)</td> <td>Strand class 5</td>	Conductor type (wire)	Strand class 5
International and the strength of the s	Material wire insulation (Power)	PVC
(Power)     25 %       (Power)     32 Store D       Material properties wire insulation (Power)     good machinability       Ingredient reteness wie insulation (Power)     3       Anount wise (Power)     3       Anount wise (Power)     3       Anount wise (Power)     0.15 mm       Wire conductor cross section (Power)     0.75 mm?       Material conductor wire (Power)     Stranded coper wire, bare       Conductor syme (Power)     Stranded coper wire, bare       Conductor syme (Power)     Stranded coper wire, bare       Carrent load capacity (finanderi)     b DIN VIE 028-4       Carrent load capacity (finanderi)     b DIN VIE 028-4       Carrent load capacity (finanderi)     300 V       Max. ratad voltage power (conductor - ground)     300 V       Max. ratad voltage power (conductor - ground)     300 V       Max. ratad voltage power (conductor - ground)     300 °C       Max. ratad voltage power (conductor - ground)     300 °C       Max. ratad voltage power (conductor - ground)     30 °C       Max. ratad voltage power (conductor - ground)     30 °C       Max. ratad voltage power (conductor - ground)     30 °C	Outer diameter wire insulation (Power)	1,8 mm
Material properties wire insulation (Power)     good machinability       Ingredient treeness wie insulation (Power)     3       Anount wise (Power)     3       Anount wise (Power)     42       Diameter of single wires (Power)     0,15 mm       Wire conductor coss section (Power)     0,75 mm <sup>3</sup> Material conductor wire (Power)     Strandod copper wire, Dare       Conductor type wire (Power)     strand doas 6       Traversing distance (C+rack)     5 m @ 25 °C       Current load capacity (Standard)     to DIN VDE D280+4       Current load capacity (Standard)     to DIN VDE D280+4       Electrical resistance cantag wire (Power)     26 Dkm @20 °C       Loop resistance contag wire (Power)     300 V       Max, rated voltage power (conductor - ground)     300 V       Max, rated voltage power (conductor - ground)     300 V       Power frequency withstand voltage power (wire - wire)     2 kV @ 60 s       Min, oparating temperature (stand)     30 °C       Max operating temperature max. (stynamic)     70 °C       Fame resistance     Electioal resistance       Good, application-related testing     Gasace 22 UL 1581 § 1000   UL 1581 § 1100   FL 260   UL 1581 § 1100   FL 260   UL 1581		±5 %
Ingredient freeness wire insulation (Power) lead-free, cadmium-free, CPC-free, silicone-free Amount wires (Power) 3 Amount strands wire (Power) 42 Diameter of single wires (Power) 0.15 mm Wire conductor oras section (Power) 0.15 mm? Material conductor wire (Power) 9 Stranded copper wire, bare Conductor type wire (Power) 9 strand class 6 Traversing distance (C track) 5 m @ 25 °C Current load capacity (tandard) to DIN VDE 0298-4 Current load capacity (tandard) to S V 0 @ 0 s Ac withstand voltage power (wire wire) 2 kV @ 60 s AC withstand voltage power (wire wire) 2 kV @ 60 s AC withstand voltage power (wire wire) 2 kV @ 60 s AC withstand voltage power (wire wire) 2 kV @ 60 s AC withstand voltage power (wire wire) 2 kV @ 60 s AC withstand voltage power (wire wire) 2 kV @ 60 s AC withstand voltage power (wire wire) 8 to C Diperating temperature (was) 6 to C Diperating temperature	Shore hardness wire insulation (Power)	43±5 Shore D
Amount wires (Power)   3     Amount strands wire (Power)   42     Diameter of single wires (Power)   0,15 mm     Wire conductor wire (Power)   Stranded copper wire, bare     Conductor ty wire (Power)   stranded copper wire, bare     Conductor ty wire (Power)   stranded copper wire, bare     Conductor ty wire (Power)   stranded caps 6     Traversing distance (C-rack)   5 m @ 25 °C     Current load capacity (standard)   to DIN VDE 0280-4     Current load capacity inin, wire   4 A     Electrical resistance constant wire   57 Dkm @ 20 °C     Electrical resistance (conductor - ground)   300 V     Max. rated voltage power (conductor - ground)   300 V     Power - jackel)   30 °C     Min. operating themperature (staic)   30 °C     Min. operating themperature (staic)   30 °C     Min. operating themperature (staic)   30 °C     Operating temperature (staic)   30 °C     Operating temperature (staic)   30 °C     Min. operating temperature (staic)   30 °C     Operating temperature (staic)   30 °C     Operating temperature (staic)   30 °C     Doparating temperature (s	Material properties wire insulation (Power)	good machinability
Amount strands wire (Power) 42   Diameter of single wires (Power) 0,15 mm   Wire conductor cross section (Power) Stranded copper wire, bare   Canductor type wire (Power) stranded copper wire, bare   Carrent load capacity (standard) to DIN VDE 0280-4   Current load capacity (standard) to DIN VDE 0280-4   Electrical resistance coating wire (Power) 26 DAm @20 °C   Loop resistance 7.8 A   Max, rated voltage power (conductor - ground) 300 V   Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s   Mix, operating temperature (static) -30 °C   Max, operating temperature (static) -30 °C   Operating temperature (static) -30 °C   Operating temperature (static) -30 °C   Flame resistance Good, application-related testing   Oil resistance Good, application-related testing   Oil resistance Good, application-related tes	Ingredient freeness wire insulation (Power)	lead-free, cadmium-free, CFC-free, silicone-free
Diameter of aingle wires (Power)     0,15 mm       Wire conductor cross section (Power)     0,75 mm²       Mariari conductor wire (Power)     strand class 6       Conductor type wire (Power)     strand class 6       Current load capacity (standard)     to DN VDE 0298 4       Current load capacity (standard)     to DN VDE 0298 4       Current load capacity (standard)     to DN VDE 0298 4       Current load capacity (standard)     to DN VDE 0298 4       Current load capacity (standard)     to DN VDE 0298 4       Current load capacity (standard)     to DN wolf 020 CK m @20 °C       Loop resistance     7.8 A       Max, rated voltage power (conductor - ground)     300 V       Power frequency withstand voltage power (wire - wire)     2 kV @ 60 s       AC withstand voltage power (wire - wire)     2 kV @ 60 s       Min. operating temperature (staci)     -30 °C       Operating temperature max. (dynamic)     70 °C       Flame resistance     EGC 603322-2 LUL 1581 § 1000 [LU 1581 § 1100 FT2       Chemical resistance     Good, application-related testing       Galoine resistance     Good, application-related testing       Ol resistance     Good, application-related testing	Amount wires (Power)	3
Wire conductor cross section (Power)     0,75 mm²       Material conductor wire (Power)     Stranded copper wire, bare       Conductor tyre wire (Power)     stranded copper wire, bare       Conductor tyre wire (Power)     tranded copper wire, bare       Current load capacity (standard)     Io DIN VDE Copper 4       Electrical resistance line constant wire     57 Ωkm @ 20 °C       Electrical resistance constant wire     57 Ωkm @ 20 °C       Electrical resistance constant wire     57 Ωkm @ 20 °C       Electrical resistance constant wire     57 Ωkm @ 20 °C       Copp resistance constant wire     57 Ωkm @ 20 °C       Copp resistance constant wire     57 Ωkm @ 20 °C       Electrical resistance (conductor - ground)     300 V       Max. rated voltage power (conductor - ground)     300 V       Power frequency withstand voltage power (wire - wire)     2 kV @ 60 s       AC withstand voltage power (wire - wire)     2 kV @ 60 s       Max. operating temperature (static)     -30 °C       Max. operating temperature (static)     -30 °C       Operating temperature max. (dynamic)     -5 °C       Operating temperature max. (dynamic)     70 °C       Flaner resistance     Good, application-rela	Amount strands wire (Power)	42
Material conductor wire (Power)     Stranded copper wire, bare       Conductor type wire (Power)     strand class 6       Traversing distance (C-track)     5 m @ 25 °C       Current load capacity (standard)     to DIN VDE 0298.4       Current load capacity (standard)     to DIN VDE 0298.4       Current load capacity (standard)     to DIN VDE 0290 °C       Electrical resistance coating wire (Power)     26 Dkm @ 20 °C       Loop resistance     7.8 A       Max. rated voltage power (conductor - ground)     300 V       Awa: rated voltage power (conductor - ground)     300 V       Power frequency withstand voltage power (productor - ground)     300 V       Power frequency withstand voltage power (productor - ground)     300 °C       Operating temperature (fixed)     50 °C       Min. operating temperature (fixed)     30 °C       Operating temperature (fixed)     50 °C       Operating temperature (fixed)     50 °C       Operating temperature (fixed)     80 °C       Operating temperature (fixed)     50 °C       Gasaline resistance     Elec 60332-2-2   UL 1561 § 1080   UL 1581 § 1100 FT2       Chemical resistance     Good. application-related testing <t< td=""><td>Diameter of single wires (Power)</td><td>0,15 mm</td></t<>	Diameter of single wires (Power)	0,15 mm
Conductor type wire (Power)   strand class 6     Traversing distance (C-track)   5 m @ 25 °C     Current load capacity rinn. wire   4 A     Electrical resistance inc constant wire   57 0/km @ 20 °C     Electrical resistance inc constant wire   57 0/km @ 20 °C     Electrical resistance inc constant wire   57 0/km @ 20 °C     Electrical resistance coating wire (Power)   26 0/km @ 20 °C     Loop resistance   7.8 A     Max. rated voltage power (conductor - ground)   300 V     Max. rated voltage power (conductor - ground)   300 V     Power trequency withstand voltage power   2 kV @ 60 s     Min. operating temperature (static)   -30 °C     Max. cated voltage power (wire- wire)   2 kV @ 60 s     Min. operating temperature (static)   -30 °C     Querating temperature (static)   -30 °C     Generating temperature (static)   -5 °C     Operating temperature (static)   -5 °C<	Wire conductor cross section (Power)	0,75 mm <sup>2</sup>
Traversing distance (C-track)     5 m @ 25 °C       Current load capacity (standard)     to DIN VDE 0298-4       Current load capacity (standard)     57 D/km @ 20 °C       Electrical resistance line constant wire     57 D/km @ 20 °C       Electrical resistance coating wire (Power)     26 D/km @ 20 °C       Loop resistance     7.8 A       Max. rated voltage power (conductor - ground)     300 V       Power frequency withstand voltage power     2 kV @ 60 s       AC withstand voltage power (wire - wire)     2 kV @ 60 s       AC withstand voltage power (wire - wire)     2 kV @ 60 s       Max. nated voltage power (wire - wire)     2 kV @ 60 s       Max. operating temperature (static)     -30 °C       Operating temperature mix. (dynamic)     7 °C       Flame resistance     Good, application-related testing       Gasolne resistance     Good, application-related testing       Oil resistance     Good, application-related testing   DIN EN 60811-404       Bending radius (fixed)     5 x Outer diameter       Bending r	Material conductor wire (Power)	Stranded copper wire, bare
Traversing distance (C-track)     5 m @ 25 °C       Current load capacity (standard)     to DIN VDE 0298-4       Current load capacity (standard)     57 D/km @ 20 °C       Electrical resistance line constant wire     57 D/km @ 20 °C       Electrical resistance coating wire (Power)     26 D/km @ 20 °C       Loop resistance     7.8 A       Max. rated voltage power (conductor - ground)     300 V       Power frequency withstand voltage power     2 kV @ 60 s       AC withstand voltage power (wire - wire)     2 kV @ 60 s       AC withstand voltage power (wire - wire)     2 kV @ 60 s       Max. nated voltage power (wire - wire)     2 kV @ 60 s       Max. operating temperature (static)     -30 °C       Operating temperature mix. (dynamic)     7 °C       Flame resistance     Good, application-related testing       Gasolne resistance     Good, application-related testing       Oil resistance     Good, application-related testing   DIN EN 60811-404       Bending radius (fixed)     5 x Outer diameter       Bending r	Conductor type wire (Power)	strand class 6
Current load capacity min. wire   4 A     Electrical resistance line constant wire   57 0km @ 20 °C     Electrical resistance coating wire (Power)   26 0/km @ 20 °C     Loop resistance   7.8 A     Max. rated voltage power (conductor - ground)   300 V     Max. rated voltage power (conductor - ground)   300 V     Power frequency withstand voltage power   2 kV @ 60 s     AC withstand voltage power (wire - wire)   2 kV @ 60 s     Ac withstand voltage power (wire - wire)   2 kV @ 60 s     Max. coperating temperature (fixed)   80 °C     Operating temperature (fixed)   5 °C     Resistance   Good, application-related testing     Gasoline resistance   Good, application-related testing     Ga		5 m @ 25 °C
Current load capacity min. wire   4 A     Electrical resistance line constant wire   57 0km @ 20 °C     Electrical resistance coating wire (Power)   26 0/km @ 20 °C     Loop resistance   7.8 A     Max. rated voltage power (conductor - ground)   300 V     Max. rated voltage power (conductor - ground)   300 V     Power frequency withstand voltage power   2 kV @ 60 s     AC withstand voltage power (wire - wire)   2 kV @ 60 s     Ac withstand voltage power (wire - wire)   2 kV @ 60 s     Max. coperating temperature (fixed)   80 °C     Operating temperature (fixed)   5 °C     Resistance   Good, application-related testing     Gasoline resistance   Good, application-related testing     Ga	Current load capacity (standard)	to DIN VDE 0298-4
Electrical resistance line constant wire   57 Ω/km @ 20 °C     Electrical resistance coating wire (Power)   26 Ω/km @ 20 °C     Loop resistance   7,8 Å     Max: rated voltage power (conductor - ground)   300 V     Max: rated voltage power (conductor - ground)   300 V     Power frequency withstand voltage power (wire - wire)   2 kV @ 60 s     Min: operating temperature (static)   -30 °C     Max: operating temperature (static)   -30 °C     Generating temperature (static)   -30 °C     Item resistance   EC 60332-2-2   UL 1581 § 1100   UL 1581 § 1100 FT2     Chemical resistance   Good, application-related testing     Gascline resistance   Good, application-related testing     Oli resistance   Good, application-related testing     Bending radius (dynamic)   10 x Outer diameter     Bending radius (dynamic)   10 x Outer diameter     Bending radius (dynamic)   10 x Outer diameter     Gender   female     Color c		4 A
Electrical resistance coating wire (Power)   26 Ωkm @20 °C     Loop resistance   7.8 A     Max. rated voltage power (conductor - ground)   300 V     Max.rated voltage power (conductor - ground)   300 V     Power frequency withstand voltage power (wire - wire)   2 kV @ 60 s     AC withstand voltage power (wire - wire)   2 kV @ 60 s     Max. operating temperature (static)   -30 °C     Max. operating temperature (stated)   80 °C     Operating temperature (stated)   70 °C     Flame resistance   IEC 60332-2-2 I UL 1581 § 1090   UL 1581 § 1100 FT2     chemical resistance   Good, application-related testing     Gasoline resistance   Good, application-related testing     Oil resistance   ID × Outer d		57 Ω/km @ 20 °C
Loop resistance   7,8 A     Max. rated voltage power (conductor - ground)   300 V     Max. rated voltage power (conductor - ground)   300 V     Power frequency withstand voltage power   2 kV @ 60 s     AC withstand voltage power (wire - wire)   2 kV @ 60 s     Mix. operating temperature (static)   -30 °C     Max. operating temperature (static)   -30 °C     Operating temperature (static)   -0 °C     Operating temperature (static)   -0 °C     Operating temperature (static)   -0 °C     Flame resistance   Good, application-related testing     Oil resistance   Good, application-related testing     Oil resistance <td< td=""><td></td><td></td></td<>		
Max. rated voltage power (conductor - ground)   300 V     Max. rated voltage power (conductor - conductor - conductor)   300 V     Power frequency withstand voltage power (iver, - jacket)   2 kV @ 60 s     Max. operating temperature (static)   -30 °C     Max. operating temperature (static)   -30 °C     Max. operating temperature (static)   -30 °C     Operating temperature (static)   -5 °C     Operating temperature max. (dynamic)   70 °C     Flame resistance   IEC 60332-2-2   UL 1581 § 1100   UL 1581 § 1100 FT2     chemical resistance   Good, application-related testing     Gasoline resistance   Good, application-related testing     Oli resistance   Good, application-related testing     Oli resistance   Good, application-related testing     Idending radius (fixed)   5 x Outer diameter     Bending radius (fixed)   5 x Outer diameter     Family construction form   free cable end     No. of poles   19     Family construction form   M12     Gender   female     Color contact carrier   black     Coding   A     No. of poles   5     PIN 1   +		
Max. rated voltage power (conductor - conductor)   300 V     Ordertoring   2 kV @ 60 s     (wire - jacket)   2 kV @ 60 s     AC withstand voltage power (wire - wire)   2 kV @ 60 s     Min. operating temperature (static)   -30 °C     Max. operating temperature (static)   -30 °C     Max. operating temperature (isod)   80 °C     Operating temperature (isod)   5 °C     Operating temperature max. (dynamic)   70 °C     Flame resistance   Good, application-related testing     Gasoline resistance   Good, application-related testing     Oil resistance   Good, application-related testing     Oil resistance   Good, application-related testing     Oil resistance   Good, application-related testing     Din resistance   Good, application-related testing     Done set resistance   Good, application-related testing     Bending radius (fixed)   5 × Outer diameter     Bending radius (fixed)   5 × Outer diameter     Gased end   No. of poles	•	·
conductor)SUU VPower frequency withstand voltage power (wire - jacket)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (static)-30 °COperating temperature (isked)80 °COperating temperature (isked)80 °COperating temperature (isked)80 °COperating temperature (isked)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)70 °CFlame resistanceGood, application-related testingGasoline resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingBending radius (fixed)5 x Outer diameterBending radius (kixed)5 x Outer diameterFamily construction formfree cable endNo. of poles19Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 4NO S 1		
(wire - jacket)2 kV @ 00 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (ixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)70 °CFlame resistanceIEC 60332-2-2   UL 1581 § 100   UL 1581 § 1100 FT2Chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingDi resistanceS × Outer diameterBending radius (fixed)5 × Outer diameterGoode19Family construction formM12 <tr< td=""><td>conductor)</td><td>300 V</td></tr<>	conductor)	300 V
Min. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)70 °CFlame resistanceIEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing   DIN EN 60811-404Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterFamily construction formfree cable endNo. of poles19Family construction formM12GenderfemaleColingANo. of poles5FilN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	(wire - jacket)	-
Max. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)70 °CFlame resistanceIEC 60332-2-2   UL 1581 § 1000   UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing IDIN EN 60811-404Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterConnection type 2Family construction formfree cable endNo. of poles19Family construction formM12GenderfemaleColor contact carrierblackColingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1		
Operating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)70 °CFlame resistanceIEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing   DIN EN 60811-404Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterConnection type 2Family construction formfree cable endNo. of poles19Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1		
Operating temperature max. (dynamic)70 °CFlame resistanceIEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingDi resistanceGood, application-related testingDi resistanceGood, application-related testingDi resistanceGood, application-related testing   DIN EN 60811-404Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterConnection type 2Family construction formfree cable endNo. of poles19Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1		
Flame resistanceIEC 60332-2-2   UL 1581 § 1000   UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing   DIN EN 60811-404Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterConnection type 2Family construction formfree cable endNo. of poles19Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 4NO S 1		
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Oil resistanceGood, application-related testing   DIN EN 60811-404Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterConnection type 2Family construction formfree cable endNo. of poles19Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	chemical resistance	Good, application-related testing
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Bending radius (dynamic)10 x Outer diameterConnection type 2Family construction formfree cable endNo. of poles19Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	Oil resistance	Good, application-related testing   DIN EN 60811-404
Connection type 2Family construction formfree cable endNo. of poles19Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	Bending radius (fixed)	5 x Outer diameter
Family construction formfree cable endNo. of poles19Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	Bending radius (dynamic)	10 x Outer diameter
No. of poles19Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	Connection type 2	
Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	,	free cable end
GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	No. of poles	19
Color contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	Family construction form	M12
Coding     A       No. of poles     5       PIN 1     +       PIN 2     NC S 2       PIN 3     -       PIN 4     NO S 1	Gender	female
No. of poles     5       PIN 1     +       PIN 2     NC S 2       PIN 3     -       PIN 4     NO S 1	Color contact carrier	black
PIN 1     +       PIN 2     NC S 2       PIN 3     -       PIN 4     NO S 1	Coding	A
PIN 2     NC S 2       PIN 3     -       PIN 4     NO S 1	No. of poles	5
PIN 3     -       PIN 4     NO S 1	PIN 1	+
PIN 4 NO S 1	PIN 2	NC S 2
	PIN 3	-
PIN 5 PE	PIN 4	NO S 1
	PIN 5	PE

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: 2024-04-24

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