

EXACT12, 4XM12, 5-POLE, MOULDED CABLE

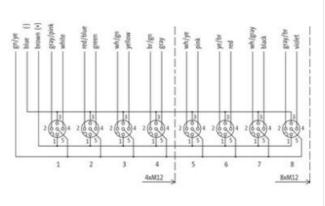
10.0m PUR/PVC 8x0,34+3X0.75

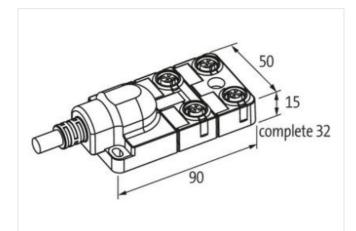
4-way, 5-pole PUR/PVC without LED, up to 125 V AC/DC 10.0 m Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

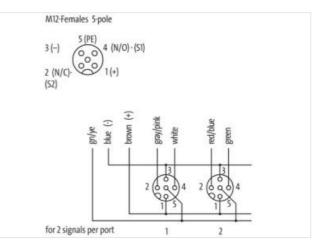
Link to Product











Product may differ from Image



Commercial data	
ECLASS-6.0	27279219
ECLASS-6.1	27279219
ECLASS-7.0	27279219

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: 2024-05-21

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ECLASS-8.0	27279219
ECLASS-9.0	27440108
ECLASS-10.1	27440108
ECLASS-11.1	27440108
ECLASS-12.0	27440108
ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879055697
Packaging unit	1
Electrical data Supply	
Operating voltage AC	125 V
Operating voltage DC	125 V
Current operating per contact max.	4 A
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67
Device protection Media	
Flame resistance	flame retardant
Mechanical data Material data	
Material housing	Plastic
Mechanical data Mounting data	
Mounting method	Schraubgewinde
Environmental characteristics Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	-20 ℃
Additional condition temperature range	depending on cable quality
	depending on cable quality
Installation Cable	
Cable identification	363
Cable Type	2
Function cable	Hybrid, Signal, Power
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	2 wires with Filler twisted
Amount stranding (type 2)	1
Stranding (type 2)	9 wires around Stranding combination twisted
Cable shielding (type)	copper braiding, bare
Cable shielding (coverage)	85 %
Filler	yes
wire arrangement	white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)
Cable weigth	143 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)	8,1 mm
Tolerance outer diameter (sheath)	±5%
Material inner jacket	PVC
Color (inner jacket)	gray
Material wire insulation	PVC
Amount wires	8

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Outer dameer tolerance core invaluation 4.9 is 5 % Store hardness wit invaluation 4.9 is 5 Nov D Material properties wite invaluation Isaat free, cadmium free, CPC free, silicone free Amount strands (wite) 19 Dianeter of single writes 0.51 mm Conductor crosses for (wite) 0.54 mm ⁻¹ Material conductor vice Strando conger wite, bare Conductor conservery Strando conger wite, bare Conservery Attrast Strando conger wite, bare Conservery Strando conger wite, bare Conservery Attrast Strando conger wite, bare Conservery Attrast Strando Conger wite, bare Conservery Attrast Strando Conger write, bare Conservery Attrast Strando Conger write, bare Conservery Strando conger write, bare Annuart strast Strando Revery O, 7 mm Material ories for Ware O, 2 mm Conductor types wite insultation Strando Conger Wite	Outer diameter insulation	1,3 mm
Material appendies wire insulation good machineality Ingrodient ficeness wire insulation lead free, cadmium-free, CFC-free, allicone-free Damader of single wires 0.5 mm Conductior crossessito (wire) 0.34 mmP Material conductor wire Branded opper wire, bare Conductor (progenessito (wire) 0.34 mmP Material conductor wire Branded opper wire, bare Conductor (progenessito (wire) 0.34 mmP Material conductor wire Branded opper wire, bare Conductor (progenessito (Wire) 1.8 mm Teleance cader dimeter wire insulation (Power) 1.8 mm Teleance cader dimeter wire insulation (Power) 1.8 mm Teleance cader dimeter wire insulation (Power) 1.8 data Parader lor (singere wire insulation (Power) 1.8 data Dameter of single wire (souldator (Power) 2.4 Dameter of single wire (Power) 2.4 Dameter of single wire (Power) 3.8 Armount strands wire (Power) 2.5 mm Material conductor constructor) 300 V Material conductor constructor) 300 V Material conductor constructor)	Outer diameter tolerance core insulation	± 5 %
Ingredent treeness wire insulation lead-tree, cadmum-tree, CPC-free, silicone-free Arnount strands (wire) 19 Dander of single wires 0,15 nm Conductor crossocicien (wire) 0,34 rmin ² Material conductor view Stranded copper wire, bare Conductor view (Power) Stranded copper wi	Shore hardness wire insulation	43 ± 5 Shore D
Arrowski Evinde (over) 19 Dianater of aingle wites 0.15 mm Conductor of second (over) 0.34 mm² Material conductor view Stranded copper wire, bare Conductor by provide 9 Kard deas 5 Material vier insulation (Power) 9 VC Olter dimeter wire insulation (Power) 1.8 mm Totarano subre wire insulation (Power) 45.5 Store D Material properties wire insulation (Power) 42.5 Store D Material properties wire insulation (Power) 24 mount store, PC-4 me, allicone-4 me Arrowski set insulation (Power) 24 mount store, PC-4 me, allicone-4 me Arrowski set insulation (Power) 24 mount store, PC-4 me, allicone-4 me Arrowski set insulation (Power) 24 mount store, PC-4 me, allicone-4 me Arrowski set insulation (Power) 24 mount store, PC-4 me, allicone-4 me Arrowski set insulation (Power) 0.2 mm Wite conductor rose section (Power) 75 mm² Conductor by set insulation (Power) 360 V Current data capacity (startadit) to Div Div Div 284 4 Current data capacity (startadit) to Div Div 205 4 Exerct vistage conductor - reound vistage in t	Material properties wire insulation	good machinability
Damate of single wires 0.15 mm Conductor orassection (wire) 0.34 mm ² Material conductor wire Stranded coper wire, bare Conductor by Ex (wire) Strand class 5 Material wire insulation (Power) 1.8 mm Toterance outer diameter wire insulation (Power) 45 % Shore hardness wire insulation (Power) 45 % Shore hardness wire insulation (Power) 1.8 mm Toterance outer diameter wire insulation (Power) 434 Shore D Material properties wire insulation (Power) 1.8 mm Torget interverse wire insulation (Power) 1.8 and the condition (Power) Anount strands wire (Power) 24 Diameter of single wires (Power) 0.2 mm Wire concluctor cost section (Power) Stranded copper wire, bare Constructor by park (reflower) DS Intarded copper wire, bare Constructor by park (reflower) DS Intarded copper wire, bare Constructor by park (reflower) DS Intarded copper wire, bare Constructor by park (reflower) DS Intarded copper wire, bare Constructor by park (reflower) DS Intarded copper wire, bare Constructor by park (reflower) D	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Conductor crossection (wine) 0.24 mm² Material conductor wine Stranded copper wine, bare Concluctor by (wine) Brend class 5 Material wine insulation (Power) 1,8 mm Telerance user for maintain (Fower) 43.5 Share D Share hard/ness wire insulation (Power) 13.6 m Telerance user for maintain (Power) 30.0 M Material properties wire insulation (Power) 3 Amount strands wire (Power) 24 Damater of sing wire (Power) 24 Damater of sing wire (Power) 24 mm Material conductor wire (Power) 24 mm Damater of sing wire (Power) 0.7 mm Wire conductor wire (Power) 0.7 mm Material conductor wire (Power) Strande class 5 Max. rado voltage (conductor - conductor) 30 V Max. rado voltage (conductor - conductor) 7.0 Mm @ 20 °C Carrent Lawage conductor wire (Power) 7.8 A Current Lavage ca	Amount strands (wire)	19
Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Material wire insulation (Power) 1.6 mm Telerance outer diameter wire insulation (Power) 45 % Share hardness wire insulation (Power) 45 % Material wire insulation (Power) 45 % Share hardness wire insulation (Power) 435 Shore D Material vire insulation (Power) 185 % Target means wire insulation (Power) 184 Shore D Amount strands wire insulation (Power) 24 Diameter of aingle wires (Power) 25 mm² Material conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) Stranded copper wire, bare Conductor hype wire (Power) Stranded copper wire, bare Conductor wire (Power) Strande cop	Diameter of single wires	0,15 mm
Conductor type (wire) Bitrand class 5 Material wire insulation (Power) PVC Outer diameter wire insulation (Power) 1.8 mm Teleranne outer diameter wire insulation (Power) 49:5 Shore D Shore hardness wire insulation (Power) 49:5 Shore D Material properties wire insulation (Power) 9:0 draathinability Impredient feeness wire insulation (Power) 24 Dimeter of single wire (Power) 24 Dimeter of single wire (Power) 24 Dimeter of single wire (Power) 0.2 mm Wire conductor cross section (Power) 0.75 mm? Material conductor wire (Power) Stranded copper wire, bare Conductor vice Size (conductor) 300 V Max. rade voltage (conductor) 300 V Current to ad capacity (stindard) to DIN VDE 0288-4 Current to ad capacity (stindard) to DIN VDE 0288-4 Current to ad capacity (stindard) to DIN VDE 0288-4 Current to ad capacity (stindard) to DIN VDE 0288-4 Current to ad capacity (stindard) to 3''' G Rack and voltage (wire - wire) 2.8 VØ & 60 s Power (requerey withistad' voltage (Conductor crosssection (wire)	0,34 mm ²
Material wire insulation (Power) PVC Outer diameter wire insulation (Power) 1.8 mm Optimate outer diameter wire insulation (Power) 43.45 Shore D Material properties wire insulation (Power) 43.45 Shore D Material properties wire insulation (Power) 34.35 Shore D Material properties wire insulation (Power) 34.35 Shore D Amount vises (Power) 3 Amount vises (Power) 34 Miterial properties wire insulation (Power) 0.75 mm² Marce conductor wire (Power) 0.75 mm² Material conductor wire (Power) Strand doss 5 Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - conductor) 300 V Current load capaolty min. wire 4.A Current load capaolty min. wire 4.A Current load capaolty min. wire 50 DMm @2.0 °C Electrical resistance lone constant wire 57 DMm @2.0 °C Electrical resistance lone constant wire 50 DMm @2.0 °C Acw withstand voltage (wire- wire) 2.V @ 60 s Min. operating temperature (inkod) 80 °C Operating temperature max. (symamic)	Material conductor wire	Stranded copper wire, bare
Outer diameter wire insulation (Power) 1.8 mm Tolerance outer dameter wire insulation ±5 % Store hardness wire insulation (Power) 4345 Shore D Material properties wire insulation (Power) good machinability Impediant Reneass wire insulation (Power) good machinability Impediant Reneass wire insulation (Power) good machinability Impediant Reneass wire insulation (Power) 0.2 mm Material conductor wire Power) 0.2 mm Wire conductor cross section (Power) 0.75 mm² Material conductor wire Power) Strand copper wire, bare Conductor type wire (Power) Strand copper wire, bare Conductor cross section (Power) Strand copper wire, bare Conductor user power) Strand copper wire, bare Conductor type wire (Power) Strand collage conductor - conductor) Max. rated voltage (conductor - conductor) 300 V Current load capacity (init wire (Power) 7.8 A Electrical resistance constant wire (Power) 2.8 U @ 60 s Min. operating temperature (fixed) 30 °C Max et voltage (wire wire) 2.4 U @ 60 s Mins constant wire (Fixed) <t< td=""><td>Conductor type (wire)</td><td>Strand class 5</td></t<>	Conductor type (wire)	Strand class 5
Topsarbo outor dameter wire insulation (rower) ±5 % Shore hardness wire insulation (Power) 9004 machinability Ingredient Teenses wire insulation (Power) 9004 machinability Ingredient Teenses wire insulation (Power) 93 Amount wires (Power) 3 Amount wires (Power) 24 Dameter of single wires (Power) 0.2 mm Wire conductor wire (Power) 0.75 mm ² Material conductor wire (Power) Strand class 5 Max. rated voltage (conductor - conductor) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (mix wire (Power) 2.8 /W @ 0.5 Power Inquery withstand voltage (wire- wire) 2.8 /W @ 0.5 Power Inquery withstand voltage (wire - wire) 2.8 /W @ 0.5 Power Inquery withstand voltage (wire - wire) 2.8 /W @ 0.5 Power Inquery withstand voltage (wire - wire) 2.8 /W @ 0.5 Power Inquery withstand voltage (wire - wire) 2.6 /W @ 0.5 Power Inquery withstand voltage (wire - wire) 2.6 /W @ 0.5 Powerinquery withstand voltage (wire) 2.6 /W @ 0.5 </td <td>Material wire insulation (Power)</td> <td>PVC</td>	Material wire insulation (Power)	PVC
(Fower) 25 % Shore hardness wire insulation (Power) ead machinability Ingredient feeness wire insulation (Power) lead-free, cadmium-free, CFC-free, silicone-free Amount wiser (Power) 3 Amount wiser (Power) 24 Diameter of single wires (Power) 0.2 mm Wire conductor cross section (Power) 0.5 mm² Material conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) Stranded copper wire, bare Conductor vire (Power) Stranded copper wire, bare Conductor - oround 300 V Current load capacity (intim wire 4 A Current load capacity (intim wire 57 GMrm @ 20 °C Ac withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Min. operating temperature (statici	Outer diameter wire insulation (Power)	1,8 mm
Material properties wire insulation (Power) good machinability Ingredient reeness wire insulation (Power) lead-free, cadinium-free, CFC-free, silicone-free Amount wise (Power) 24 Diameter of single wires (Power) 0.7 mm Mite conductor coss section (Power) 0.7 mm ² Material conductor wire (Power) 0.7 mm ² Material conductor wire (Power) 0.7 mm ² Material conductor wire (Power) Stranded capper wire, bare Conductor type wire (Power) Stranded capper wire, bare Conductor ype wire (Power) 300 V Max, rated voltage (conductor - conductor) 300 V Current load capacity min. wire (Power) 7.8 A Electrical resistance line constant wire 57 Dkm @ 20 °C Electrical resistance coating wire (Power) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Max, operating temperature (fixed) 30 °C Operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature min. (dynamic) -5 °C Operating temperature min. (dynamic) -5 °C		±5 %
Ingredient freeness wire insulation (Power) Lead-Free, cadmium-free, CPC-free, silicone-free Amount strands wire (Power) 24 Diameter of single wires (Power) 0.2 mm Wire conductor cross section (Power) 0.75 mm² Materiat conductor wire (Power) Strand class 5 Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - ground) 300 V Max. rated voltage (conductor - ground) 300 V Max. rated voltage (conductor - ground) 300 V Current load capacity (standard) to DIN VDE 0296 4 Current load capacity (standard) to DIN VDE 0296 4 Current load capacity (standard) to DIN VDE 0296 4 Current load capacity (standard) to DIN VDE 0296 4 Current load capacity (standard) to DIN VDE 0296 4 Current load capacity (standard) to DIN VDE 0296 4 Current load capacity (standard) to DIN VDE 0296 4 Current load capacity (standard) to DIN VDE 0296 0 Power froqueny withstand voltage (wire - wire) 2 kV @ 60 s Power froqueny withstand voltage (wire - wire) 2 kV @ 60 s Min. operating temperature (thed)	Shore hardness wire insulation (Power)	43±5 Shore D
Amount wires (Power) 3 Amount wires (Power) 24 Diameter of single wires (Power) 0.2 mm Wire conductor cross section (Power) 0.75 mm² Material conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) Stranded copper wire, bare Constructor conductor, conductor) 300 V Current load capacity min. wire 4 A Current load capacity min. wire (Power) 7.8 A Electrical resistance line constant wire 57 Ω/tm @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power trequency wirtstand voltage (wire - 2 kV @ 60 s 2 kV @ 60 s Min. operating temperature (static) -50 °C Operating temperature (static) 70 °C Flamer cesistance Good, application-related testing Oil resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing <t< td=""><td>Material properties wire insulation (Power)</td><td>good machinability</td></t<>	Material properties wire insulation (Power)	good machinability
Amount strands wire (Power) 24 Diameter of single wires (Power) 0.7 mm Wire conductor vices section (Power) Stranded copper wire, bare Conductor type wire (Power) Strand class 5 Max. rated voltage (conductor - ground) 300 V Current load capacity (strandard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Carrent carring capacity min. wire (Power) 7.8 A Electrical resistance locating wire (Power) 2 kV @ 60 s Power frequency withstand voltage (wire- jacket) 2 kV @ 60 s Power frequency withstand voltage (wire- jacket) 30 °C Min. operating temperature (static) -30 °C Max operating temperature (static) -30 °C Fiame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasolne resistance Good, application-related testing Gasolne resistance Good, application-related testing Bending radius (fixe	Ingredient freeness wire insulation (Power)	lead-free, cadmium-free, CFC-free, silicone-free
Diameter of single wires (Power) 0.2 mm Wire conductor cross section (Power) 0.75 mm ² Material conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) Strand class 5 Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - conductor) 300 V 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 0298-4 Current load capacity min. wire 4 A Current load capacity min. wire (Power) 7.8 A Electrical resistance line constant wire 57 O/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - izekt) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature (fixed) -30 °C Pare resistance Go.d., application-related testing Operating temperature min. (wingmic) -5 °C Tasod applicatio	Amount wires (Power)	3
Wire conductor cross section (Power) 0,75 mm³ Material conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) Stranded copper wire, bare Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - conductor) 300 V Current load capacity (standard) to DIN VDE 028-4 Current load capacity (standard) to DIN VDE 028-6 Ac withstand voltage (wire - ga k0 °C Power frequency withstand voltage (wire - ga k0 °C Operating temperature min(dynamic) -5 °C	Amount strands wire (Power)	24
Material conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) Stranded copper wire, bare Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - ground) 300 V Gurrent load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire (Power) 7.8 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Power) 28 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jackel) 30 °C Max. operating temperature (static) 30 °C Max. operating temperature max. (dynamic) 70 °C Plane resistance UL 1581 § 1100 FT2 IEC 60332-22 UL 1581 § 1090 Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing <t< td=""><td>Diameter of single wires (Power)</td><td>0,2 mm</td></t<>	Diameter of single wires (Power)	0,2 mm
Conductor type wire (Power) Strand class 5 Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - conductor) 300 V Current to acquacity (standard) to DIN VDE 0298-4 Current to acquacity (standard) to DIN VDE 029°C Electrical resistance coating wire (Power) 26 Dkm @20 °C AC withstand voltage (wire - jackel) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Old application-related testing 001 Gold application-related t	Wire conductor cross section (Power)	0,75 mm ²
Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - ground) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Current carrying capacity min. wire (Power) 26 Ω/km @ 20 °C Electrical resistance line constant wire 57 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - lack wire) 2 kV @ 60 s Ac withstand voltage (wire - lack wire) 2 kV @ 60 s Power frequency withstand voltage (wire - lack wire) 2 kV @ 60 s Max. operating temperature (static) -30 °C Max. operating temperature (statid) 80 °C Operating temperature (statid) 80 °C Operating temperature (statid) 70 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance	Material conductor wire (Power)	Stranded copper wire, bare
Max. rated voltage (conductor - ground) 300 V Current load capacity (istandard) to DIN VDE 0298-4 Current load capacity (istandard) to DIN VDE 0298-4 Current carrying capacity min. wire (Power) 7.8 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Power) 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - isk @ 0 °C 2 kV @ 60 s Min. operating temperature (static) -30 °C Operating temperature (static) -30 °C Operating temperature (inced) 80 °C Operating temperature (inced) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature min. (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 No. of bending cycles (C-track) 5 x Outer diameter Bending radius (fixed) 5 x Outer diameter Bending radius (fixed) 5 x Outer diameter Bending radius (fixed) 5 x Outer diameter No. of bending cycles (C-track) 5 m @ 25 °C	Conductor type wire (Power)	Strand class 5
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Current load capacity min. wire (Power) 7.8 A Electrical resistance line constant wire 57 Q/km @ 20 °C Ac withstand voltage (wire - vire) 2 kV @ 60 s Power frequency withstand voltage (wire - istando vire) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Max. operating temperature (static) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing No. of bending cycles (C-track) 5 m @ 25 °C Traversing distance (C-track) 2 m's @ 25 °C Tra	Max. rated voltage (conductor - conductor)	300 V
Current load capacity min. wire 4 A Current carrying capacity min. wire (Power) 7.8 A Electrical resistance ine constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Power) 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - ine) 2 kV @ 60 s Power frequency withstand voltage (wire - ine) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Max. operating temperature (mixed) 80 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (fixed) 5 woll er diameter Bending radius (fixed) 5 m @ 25 °C Traversing distance (C-track) 5 m @ 25 °C	Max. rated voltage (conductor - ground)	300 V
Current carrying capacity min. wire (Power) 7.8 A Electrical resistance line constant wire 57 Ω /km @ 20 °C Electrical resistance coating wire (Power) 26 Ω /km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 30 °C Min: operating temperature (static) -30 °C Operating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C Operating temperature (static) -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 Bending radius (fixed) 5 x Outer diameter No. of bending cycles (C-track) 2 m/s @ 25 °C Travel speed (C-track) 2 m/s @ 25 °C Travel speed (C-track) 2 m/s @ 25 °C Family construction form free cable end No. of poles 11 Family construction form free cable end No. of poles 11 Family construction form M12 Gender	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 AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - iacket) -30 °C Max. operating temperature (static) -30 °C Max. operating temperature (ixed) 80 °C Operating temperature (mixed) 70 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oli resistance Good, application-related testing No. of bending cycles (C-track) 2 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C Travel speed (C-track) 2 m/s @ 25 °C Family construction form free cable end No. of poles 11	Current load capacity min. wire	4 A
Electrical resistance coating wire (Power) 26 Ω/km @20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s Nin. operating temperature (static) -30 °C Max. operating temperature (ixed) 80 °C Operating temperature (ixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical 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 Bending radius (fixed) 5 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Travel speed (C-track) 5 m @ 25 °C Travel speed (C-track) 2 m/s @ 25 °C Family construction form free cable end No. of poles 11 Family construction form M12 Gender female	Current carrying capacity min. wire (Power)	7,8 A
AC withstand voltage (wire - wire) 2 kV @ 60 s AC withstand voltage (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Bending radius (fixed) 5 × Outer diameter Bending radius (dynamic) 10 × Outer diameter No. of bending cycles (C-track) 2 m/s @ 25 °C Connection type 2 Family construction form Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black	Electrical resistance line constant wire	57 Ω/km @ 20 °C
Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (itxed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 2 m/s @ 25 °C Traversing distance (C-track) 2 m/s @ 25 °C Connection type 2 Family construction form Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black	Electrical resistance coating wire (Power)	26 Ω/km @20 °C
jacket)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingNo. of bending cycles (C-track)5 x Outer diameterNo. of bending cycles (C-track)2 Mio. @ 25 °CTraversing distance (C-track)5 m @ 25 °CTravel speed (C-track)2 m/s @ 25 °CConnection type 2Family construction formfree cable endNo. of poles11Family construction formM12GenderfemaleColor contact carrierblack	AC withstand voltage (wire - wire)	2 kV @ 60 s
Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing No. of bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C Connection type 2 Eamily construction form Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black		2 kV @ 60 s
Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical 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 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C Connection type 2 Family construction form Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black	Min. operating temperature (static)	-30 °C
Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C Travel speed (C-track) 2 m/s @ 25 °C Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black	Max. operating temperature (fixed)	0° ℃
Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending cycles (C-track) 10 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C Travel speed (C-track) 2 m/s @ 25 °C Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black	Operating temperature min. (dynamic)	-5 °C
chemical 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 diameterNo. of bending cycles (C-track)2 Mio. @ 25 °CTraversing distance (C-track)5 m @ 25 °CTravel speed (C-track)2 m/s @ 25 °CFamily construction formfree cable endNo. of poles11Family construction formM12GenderfemaleColor contact carrierblack	Operating temperature max. (dynamic)	70 °C
Gasoline resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of bending cycles (C-track)2 Mio. @ 25 °CTraversing distance (C-track)5 m @ 25 °CTravel speed (C-track)2 m/s @ 25 °CEamily construction formfree cable endNo. of polesNo. of poles11Family construction formM12GenderfemaleColor contact carrierblack	Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
Oil resistanceGood, application-related testing DIN EN 60811-404Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of bending cycles (C-track)2 Mio. @ 25 °CTraversing distance (C-track)5 m @ 25 °CTravel speed (C-track)2 m/s @ 25 °CEamily construction formNo. of poles11Family construction formM12GenderfemaleColor contact carrierblack	chemical resistance	Good, application-related testing
Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C Travel speed (C-track) 2 m/s @ 25 °C Connection type 2 Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black	Gasoline resistance	Good, application-related testing
Bending radius (dynamic)10 x Outer diameterNo. of bending cycles (C-track)2 Mio. @ 25 °CTraversing distance (C-track)5 m @ 25 °CTravel speed (C-track)2 m/s @ 25 °CConnection type 2Family construction formfree cable endNo. of poles11Family construction formM12GenderfemaleColor contact carrierblack	Oil resistance	Good, application-related testing DIN EN 60811-404
No. of bending cycles (C-track)2 Mio. @ 25 °CTraversing distance (C-track)5 m @ 25 °CTravel speed (C-track)2 m/s @ 25 °CConnection type 2Family construction formfree cable endNo. of poles11Family construction formM12GenderfemaleColor contact carrierblack	Bending radius (fixed)	5 x Outer diameter
Traversing distance (C-track)5 m @ 25 °CTravel speed (C-track)2 m/s @ 25 °CConnection type 2Family construction formfree cable endNo. of poles11Family construction formM12GenderfemaleColor contact carrierblack	Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)2 m/s @ 25 °CConnection type 2Family construction formfree cable endNo. of poles11Family construction formM12GenderfemaleColor contact carrierblack	No. of bending cycles (C-track)	2 Mio. @ 25 °C
Connection type 2 Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black		5 m @ 25 °C
Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black	Travel speed (C-track)	2 m/s @ 25 °C
No. of poles 11 Family construction form M12 Gender female Color contact carrier black	Connection type 2	
Family construction form M12 Gender female Color contact carrier black	Family construction form	free cable end
Gender female Color contact carrier black	No. of poles	11
Color contact carrier black	Family construction form	M12
	Gender	female
Coding A	Color contact carrier	black
	Coding	A

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No. of poles PIN 1	5	
PIN 1	+	
PIN 2	NC S 2	
PIN 3	-	
PIN 4	NO S 1	
PIN 5	PE	

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