

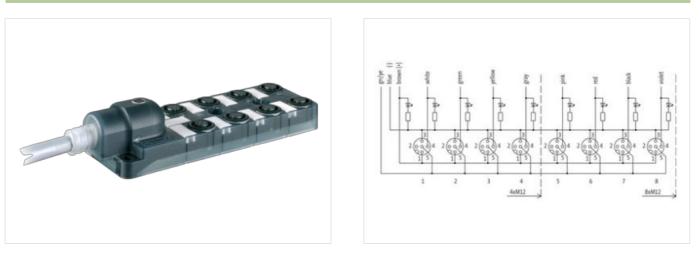
EXACT12, 8XM12, 4 POLE MOULDED CABLE

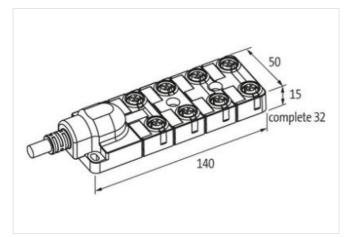
10.0m PUR/PVC 8x0,34+3X0.75, UL/CSA

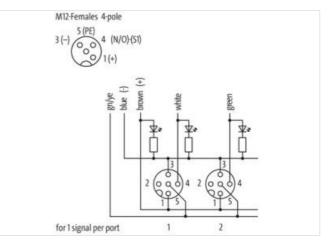
8-way, 4-pole PUR/PVC Further cable lengths on request. 10.0 m Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

Illustration







Product may differ from Image



Commercial data		
ECLASS-6.0	27143423	
ECLASS-6.1	27279219	
ECLASS-7.0	27279219	
ECLASS-8.0	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: 2024-05-17

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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	4048879054256
Packaging unit	1
Electrical data Supply	
Operating voltage DC	24 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
	וומווד ודנמועלוונ
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.	70 °C
Additional condition temperature range	depending on cable quality
Installation Cable	
Cable identification	362
Cable Type	2
STOOW style jacket	Lybrid, Signal, Power
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	2 wires with Filler twisted
Amount stranding (type 2)	
Stranding (type 2)	9 wires around Stranding combination twisted
Filler	yes
wire arrangement	white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)
Cable weigth	
	115.5 g/m
	115,5 g/m PUB
Material jacket	PUR
Material jacket Shore hardness jacket	PUR 87 ± 5 Shore A
Material jacket Shore hardness jacket Freedom from ingredients (jacket)	PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free
Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 8,1 mm
Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 8,1 mm ± 5 %
Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket	PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 8,1 mm ± 5 % PVC
Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket)	PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 8,1 mm ± 5 % PVC gray
Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation	PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 8,1 mm ± 5 % PVC gray PVC
Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation Amount wires	PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 8,1 mm ± 5 % PVC gray PVC 8
Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation Amount wires Outer diameter insulation	PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 8,1 mm ± 5 % PVC gray PVC 8 1,3 mm
Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation Amount wires	PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 8,1 mm ± 5 % PVC gray PVC 8
Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation Amount wires Outer diameter tolerance core insulation	PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 8,1 mm ± 5 % PVC gray PVC 8 1,3 mm ± 5 %

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Diamster of single wines 0.15 mm Conductor crossection (wine) 0.34 mmP Material conductor viva (Strand class 5 Torvel speed (CFrack) 3 Material wine insulation (Power) PVC Outrof dameter vive insulation (Power) 1.6 mm Torvers outer dismeter vive insulation (Power) 425 Store D Outer dameter vive insulation (Power) 425 Store D Material properties wire insulation (Power) 425 Store D Store Intradents wire insulation (Power) 424 Store D Diameter of single wire (Power) 424 Diameter of single wire (Power) 0.2 mm Wire conductor rooms section (Power) 0.25 mm² Manust strads. wire (Power) 0.30 V Manust strads. wire (Power) 0.30 V Manust strads. wire (Power) 30 V <tr< th=""><th>Ingredient freeness wire insulation</th><th>lead-free, cadmium-free, CFC-free, silicone-free</th></tr<>	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Anount strands (wine) 19 Diameter of angle wines 0.15 mm Conductor crossestation (wine) Strandod copper wine, bare Material conductor wine Strandod copper wine, bare Conductor type deed (C-rack) 3 Material conductor wine insulation (Power) 1.8 mm Tolerance auter dameter wine insulation (Power) 1.8 mm Tolerance auter dameter wine insulation (Power) 45 % Since hardness wine insulation (Power) add-free. cadmium-free, CFC-free, allicone-free Arrount strands wire insulation (Power) 24 free. cadmium-free, CFC-free, allicone-free Mine conductor cost section (Power) 22 mm Wire conductor cost section (Power) 23 free/ Mine conductor or section (Power) Strand closups 5 Mine, rated voltage (conductor - conductor) 300 V Upp restituece 7,8 A Current tood capacity rin. wire 4 A Current tood capacity rin. wire		
Conductor consessedion (wine) 0.34 mm ² Material conductor wine Stranded cape wine, bare Ordinder type (wine) Strande dass 5 Travel speed (Crinck) 3 Material wine insulation (Power) 1.8 mm Toravers outper wine, bare 3 Material une insulation (Power) 1.8 mm Toravers outper wine insulation (Power) 1.8 mm Toravers outper wine insulation (Power) 1.8 de Tree, cadmium-free, CPC-tree, silcone-free Amount strands wine insulation (Power) 24 Diamater of single wires (Power) 0.2 mm Wire conductor reside conductor wire (Power) 0.2 mm Material conductor wire (Power) 0.2 mm Material conductor wire (Power) 0.30 V Conduct type wire (Power) Stranded capper wire, bare Conduct type wire (Power) 0.07 Mm Material canditor in wire (Power) 0.09 V Conduct type wire (Power)	Amount strands (wire)	19
Material conductor view Stranded copper wire, bare Conductor type (wire) Strand class 5 Trunk speed (Cracks) 3 Material wire inculation (Power) PVC Outer diameter wire insulation (Power) 18 mm Torance outer diameter wire insulation (Power) 43.5 Shore D Material unitation (Power) 43.5 Shore D Material properties wire insulation (Power) good mathinability Shore hardness wire insulation (Power) 24 Dimmeter of single wire (Power) 0.2 mm Wire conductor cross section (Power) 24 Dimmeter of single wire (Power) 0.75 mm ² Material conductor wire (Power) 0.75 mm ² Material conductor wire (Power) 0.75 mm ² Material conductor wire (Power) 0.07 V Loop resistance 7.8 A Current Loat capacity (standard) 100 NV DE 0284 4 Current Loat capacity (standard) 20 DW 0 620 °C AC withstand voltage (renductor - sonnuctor) 300 °C AC withstand voltage (wire - wire) 24 Ø @ 60 s Current Loat capacity (standard) 20 DW 0 620 °C <t< td=""><td>Diameter of single wires</td><td>0,15 mm</td></t<>	Diameter of single wires	0,15 mm
Conclusion type (wine) Strand dass 5 Travel speed (C-track) 3 Markari Awie naculation (Power) I.A.m. Totarence outer family the insulation (Power) 1.5 % Strone hardness wire insulation (Power) 435.5 Nore D Material grouporties wire insulation (Power) 435.5 Nore D Material properties wire insulation (Power) 900 muchinability Ingredient freeness wire insulation (Power) 900 muchinability Ingredient freeness wire insulation (Power) 924 Tree, cadmium free, CFC free, silicone free Amount strands wire (Power) 0.2 mm Wile conductor or sestion (Power) Strand deceptor wire, bare Conductor type wire (Power) Strand deceptor wire, bare Conductor type wire (Power) Strand deceptor wire, bare Control to capacity (standard) DIN DV DC 0284 4 Current to acquapity (standard) DIN DV DC 0284 4 Current to acquapity (standard) Standed Copacity C Adverted wire (Power) Sta CA Power frequency withstand voltage (wire - wire) 2 kV @ 66 s Min- operature (stand) S * C Coparating temperature (stand) S * C <	Conductor crosssection (wire)	0,34 mm ²
Conclusion type (wine) Strand dass 5 Travel speed (C-track) 3 Markari Awie naculation (Power) I.A.m. Totarence outer family the insulation (Power) 1.5 % Strone hardness wire insulation (Power) 435.5 Nore D Material grouporties wire insulation (Power) 435.5 Nore D Material properties wire insulation (Power) 900 muchinability Ingredient freeness wire insulation (Power) 900 muchinability Ingredient freeness wire insulation (Power) 924 Tree, cadmium free, CFC free, silicone free Amount strands wire (Power) 0.2 mm Wile conductor or sestion (Power) Strand deceptor wire, bare Conductor type wire (Power) Strand deceptor wire, bare Conductor type wire (Power) Strand deceptor wire, bare Control to capacity (standard) DIN DV DC 0284 4 Current to acquapity (standard) DIN DV DC 0284 4 Current to acquapity (standard) Standed Copacity C Adverted wire (Power) Sta CA Power frequency withstand voltage (wire - wire) 2 kV @ 66 s Min- operature (stand) S * C Coparating temperature (stand) S * C <	Material conductor wire	Stranded copper wire, bare
Trevel speed (C-rack) 3 Attachal vivi insulation (Power) PVC Outer diameter vive insulation (Power) 1.8 min Toterance outer diameter vive insulation (Power) 45 % Shore hardness wire insulation (Power) 42.15 Store D Meterial properties wire insulation (Power) 43.15 Store D Ingredient feeness wire insulation (Power) 24 Diameter of single wires (Power) 0.2 min Wire conductor cross section (Power) 0.7 min Wire conductor vive (Power) Strand class 5 Max. rated voltage (conductor - conductor) 300 V Long resistance 7.8 A Corrent load capacity (standard) 10 DN VDE C396-4 Corrent load capacity (standard) 10 VY QP 0.5 Power froguency withstand voltage (wire - 20 C Min QP 0.5 20 VQ 0.6 Corrent load capacity (standar	Conductor type (wire)	
Material wire insulation (Power) PVC Outer dimenser wire insulation (Power) 1.8 mm Tolerance outer swire insulation (Power) 43:5 Shore D Material properties wire insulation (Power) 92:0 contactive statistics Material properties wire insulation (Power) 92:0 contactive statistics Material properties wire insulation (Power) 92:0 contactive statistics Material properties wire insulation (Power) 92:4 Diameter of single wires (Power) 92 mm Wire concluder cross section (Power) 92 mm Material conductor wire (Power) 93 market documese Max. rated voltage (conductor - conductor) 90:0 V Max. rated voltage (conductor - word) 90:0 V Current load capacity min. wire 4 A Electrical resistance line constant wire wire) 72:0 Km @ 20:0 °C Electrical resistance line constant wire wire) 22:0 Km @ 20:0 °C Av @ Withstand voltage (wire - wire) 24:0 @ 0:0 °C Macograting temperature (static) 30:0 °C<		3
Outer diameter wire insulation (Power) 1.8 mm Tolerance outer diameter wire insulation (Power) 45 % Shore hardness wire insulation (Power) 435 Shore D Material properties wire insulation (Power) 6ad machinability Ingradient fueness wire insulation (Power) 6ad machinability Diameter of angle wires (Power) 6ad machinability Diameter of angle wires (Power) 6.2 mm Wire conductor cross section (Power) 0.7 mm* Material and outer (rever) 7.5 mm* Material conductor cross section (Power) 9.0 V Conductor pross section (Power) 90 V Max. rated voitage (conductor - conductor) 900 V Loop resistance 7.8 A Current toad capazity riskndrru? to IN VDE 0289.4 Current toad capazity riskndrru? to IN (@ 0.0 °C Capazity signatr		PVC
Toterance outer diameter wire insulation (Power) 45 % Shore hardness wire insulation (Power) 93±5 Shore D Material properties wire insulation (Power) 9000 machinability impordent freeness wire insulation (Power) Material properties wire insulation (Power) 24 Diameter of single wires (Power) 0.2 mm Wire conclustor resis section (Power) Stranded copper wire, bare Onductor type wire sescient (Power) Stranded copper wire, bare Onductor type wire (Power) Stranded copper wire, bare Conductor type wire (Power) Stranded copper wire, bare Conductor type wire (Power) Stranded copper wire, bare Contrott type wire (Power) Stranded copper wire, bare Current load capacity (strander) to DIN VDE 0298-4 Current load capacity min. wire 4 A Electraal resistance line constant wire 57 QArm @20 °C Content load capacity min. wire 4 A Electraal resistance line constant wire 57 QArm @20 °C A substand voltage (wire - isstei) 56 Qis no @20 °C Power frequency wirtistand voltage (wire - isstei) 57 °C Operating temperature (fistdi) -30 °C	. ,	1.8 mm
Material properties wire insulation (Power) good machinability Ingredent treemess wire insulation (Power) 0.2 mm Diameter of single wires (Power) 0.2 mm Wire conductor cross section (Power) 0.75 mm ² Material conductors wire (Power) Stranded copper wire, bare Conductor ross section (Power) Stranded copper wire, bare Conductor rose action wire (Power) Stranded copper wire, bare Conductor conductor conductor 300 V Loop resistance 7.8 A Current toad capacity (standert) to DIN VDE 0298-4 Current toad capacity min. wire to Z Nr @ 20 °C Actinstand vottage (wire - wire) to N @ 20 °C	Tolerance outer diameter wire insulation (Power)	
Ingredient freeness wire insulation (Power) lead-free, cadmium free, CFC-free, silicone-free Amount strands wire (Power) 24 Dimeter of single wires (Power) 0,25 mm² Material conductor wire (Power) Stranded copper wire, bare Conductor ty wire (Power) Stranded copper wire, bare Conductor ty wire (Power) Stranded cosper wire, bare Conductor ty wire (Power) Stranded cosper wire, bare Conductor ty wire (Power) 300 V Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - conductor) 300 V Current load capacity (standurd) to DIN VDE 0280-4 Current load capacity (standurd) to DIN VDE 0280-4 Current load capacity (wire wire) 2 fo DAm @ 20 °C Electrical resistance inse constant wire 2 AV @ 60 s Power frequerey withstand voltage (wire wire) 2 AV @ 60 s Min. operating temperature (fixed) 30 °C Content terestance Good, application-related testing <	Shore hardness wire insulation (Power)	43±5 Shore D
Amount strands wire (Power) 24 Diameter of single wires (Power) 0.2 mm Wite conductor ross section (Power) 0.75 mm² Matarial conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) Stranded copper wire, bare Maker rated vollage (conductor - ground) 300 V Loop resistance 7.8 A Current load capacity (standard) to DN VDE 0286-4 Current load capacity (standard) to DN VDE 0286-4 Current load capacity (standard) to DN VDE 0280-4 Current load capacity (standard) to DN VDE 0280-4 Current load capacity (standard) to DN VDE 0280-4 Current load capacity (standard) to DN VDE 0290 °C A do withstand voltage (wire - wire) 2 kV @ 60 s Min. operating temperature (statc) -30 °C Operating temperature min: (stytyteninc) -5 °C <tr< td=""><td>Material properties wire insulation (Power)</td><td>good machinability</td></tr<>	Material properties wire insulation (Power)	good machinability
Amount strands wire (Power) 24 Diameter of single wires (Power) 0.2 mm Wite conductor ross section (Power) 0.75 mm² Matarial conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) Stranded copper wire, bare Maker rated vollage (conductor - ground) 300 V Loop resistance 7.8 A Current load capacity (standard) to DN VDE 0286-4 Current load capacity (standard) to DN VDE 0286-4 Current load capacity (standard) to DN VDE 0280-4 Current load capacity (standard) to DN VDE 0280-4 Current load capacity (standard) to DN VDE 0280-4 Current load capacity (standard) to DN VDE 0290 °C A do withstand voltage (wire - wire) 2 kV @ 60 s Min. operating temperature (statc) -30 °C Operating temperature min: (stytyteninc) -5 °C <tr< td=""><td>Ingredient freeness wire insulation (Power)</td><td>lead-free, cadmium-free, CFC-free, silicone-free</td></tr<>	Ingredient freeness wire insulation (Power)	lead-free, cadmium-free, CFC-free, silicone-free
Diameter of single wires (Power) 0,75 mm² Wire conductor cross section (Power) Strand closs review, bare Conductor type wire (Power) Strand closs 5 Max. rated voltage (conductor - conductor) 300 V Loop resistance 7.8 A Current load capacity (standardy) to DIN VDE 098-4 Current load capacity (standardy) to DIN VDE 098-4 Current load capacity (standardy) 26 DKm @ 20 °C Electrical resistance ine constant wire 57 D/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire) 2 kV @ 60 s Power frequency withstand voltage (wire) 2 kV @ 60 s Operating temperature (static) -30 °C Operating temperature (static) -30 °C Operating temperature (static) -30 °C Operating temperature (static) -50 °C Operating temperature max. (stymamic) 70 °C	Amount strands wire (Power)	
Wire conductor cross section (Power) 0,75 mm² Material conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) 300 V Max. rated voltage (conductor - conductor) 300 V Loop resistance 7.8 A Current load capacity (standard) to DIN VDE 0299.4 Current load capacity (standard) to DIN VDE 0299.4 Current load capacity (standard) to DIN VDE 0290.4 Current load capacity (standard) to DIN WDE 020°C AK Standard DON Current load capacity (standard) to DIN VDE 020°C AC withstand voltage (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Power frequency withstand voltage (wire - site) 2 NV @ 60 S Coperating temperature (static) -00 °C Deparing temperature (static) -00 °C Comeretand (standard) 10 °C	Diameter of single wires (Power)	0,2 mm
Material conductor wire (Power)Strande doopper wire, bareConductor type wire (Power)Strand class 5Max. rated voltage (conductor - conud)300 VLoop resistance7,8 ACurrent load capacity (standard)to DIN VDE 0296.4Current load capacity (standard)57 D/km @ 20 °CElectrical resistance constant wire57 D/km @ 20 °CElectrical resistance constant wire57 D/km @ 20 °CAC withstand voltage (wire - wire)2 k/ @ 80 sPower frequency withstand voltage (wire - wire)2 k/ @ 60 sNin. operating temperature (static)30 °COperating temperature (static)30 °COperating temperature (static)70 °CFlam resistanceGood, application-related testingOperating temperature (static)70 °CFlam resistanceGood, application-related testingGasoline resistanceGood, application-related testingOir resistanceGood, application-related testingGood, application-related testing10 x Outer diameterFamily construction formfree cable endNo. of poles11Family construction formfree cable endNo. of poles11Family construction formfree cable endCordingANo. of poles14PiN 1+PiN 2n.c.PiN 4NO S 1	Wire conductor cross section (Power)	
Conductor type wire (Power) Strand class 5 Max. rated voltage (conductor - orouductor) 300 V Max. rated voltage (conductor - orouductor) 300 V Current load capacity (standard) to DIN VDE 0298-4 Dever fraguences to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Max. advertaing temperature (stance) to Dix VDE 06 s Power fraguency withstand voltage (wire - vire) 2 kV @ 60 s No. operating temperature (stance) -30 °C Max. operating temperature (stance) -30 °C Max. operating temperature (stance) 80 °C Operating temperature min. (synamic) 7 °C Filame resistance UL 1581 § 1090 [IEC 6032-2: 2 UL 1581 § 1100 FT2 Chemeter Stance Good, application-related testing <	Material conductor wire (Power)	
Max. rated voltage (conductor - conductor) 300 V Loop resistance 7.8 A 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 (standard) 20 °C Electrical resistance coating wire (Power) 26 C/km @20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - apacet in the intervence of the inter		
Max. rated voltage (conductor - ground) 300 V Loop resistance 7.8 A Current load capacity (standard) to DIN VDE 0288-4 Current load capacity (standard) to DIN VDE 0280-4 Current load capacity (standard) 57 D/km @ 20 °C Electrical resistance coating wire (Power) 26 D/km @ 20 °C AC withstand voltage (wire - wire) 2 k/ @ 60 s Power frequency withstand voltage (wire - lacker) 2 k/ @ 60 s Power frequency withstand voltage (wire - lacker) 30 °C Akax. operating temperature (static) 30 °C Max. operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Filame resistance Good, application - related testing Gasoline resistance Good, application - related testing Gasoline resistance Good, application - related testing Oil resistance Good, application - related testing Bending radius (fixed) 5 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C Concection type 2 1 Family construction form free cable end No. of poles <td< td=""><td>Max. rated voltage (conductor - conductor)</td><td></td></td<>	Max. rated voltage (conductor - conductor)	
Loop resistance 7,8 A Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Electrical resistance line constant wire 57 Ωkm @ 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 (diver) 26 °C Operating temperature (fixed) 80 °C Operating temperature (diver) 70 °C Flame resistance UL 1581 § 1090 ICC 60332-2-2 UL 1581 § 1100 FT2 Operating temperature max. (dynamic) 70 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Bending radius (kixed) 5 x Outer diameter Bending radius (kixed) 5 x Outer diameter Bending radius (kixed) 2 Mio. @ 25 °C Concection type 2 11 Family construction form free cable end		300 V
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Electric resistance line constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Power) 26 Ω/km @ 20 °C AC withstand voltage (wire - intervine) 2 kV @ 60 s Power frequency withstand voltage (wire - intervine) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (iscad) 80 °C Operating temperature (incod) 80 °C Operating temperature (incod) 70 °C Flame resistance UL 1581 § 1000 IEC 60332-2-2 UL 1581 § 1100 FT2 chaine resistance Good, application-related testing Carrent loss of application-related testing Coll resistance Good, application-related testing Coll resistance Good, application-related testing Coll resistance Bending radius (tixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Mic. @ 25 °C Concenton type 2 Easile end Family construction form M12 Gender I		
Current load capacity min. wire4 AElectrical resistance line constant wire57 Ω km @ 20 °CA Withstand voltage (wire-wire)2 6 Ω km @ 20 °CA Withstand voltage (wire-wire)2 kV @ 60 sPower frequency withstand voltage (wire- (acket)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature min. (dynamic)70 °CFlame resistanceUL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasolin resistanceGood, application-related testingOil resistanceGood, application-related testingBending radius (tiked)5 × Outer diameterTravel speed (C-track)2 Mio. @ 2 °CConcetton type 2EFamily construction formfree cable endNo. of poles11Family construction formM12GodragAColor contact carrierblackCodingANo. of poles4No. of poles4PIN 1+PIN 2n.c.PIN 4NO S 1	•	
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) 2 kV @ 60 s Min. operating temperature (fixed) 30 °C Operating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C Operating temperature (fixed) 70 °C Flame resistance UL 1581 § 1090 EC 60332-2-2 UL 1581 § 1100 FT2 Operating temperature max. (dynamic) 70 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing		
Electrical resistance coating wire (Power) 26 Ω/km @20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jackst) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Operating temperature (static) -50 °C Operating temperature (static) -50 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance God, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (fixed) 5 x Outer diameter Bending radius (gynamic) 10 x Outer diameter Family construction form free cable end No. of poles 11 Family construction form free cable end No. of poles 4 PIN 1 + PIN 2 A PIN 3 -		
AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Max. operating temperature (ixed) 80 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Fiame resistance UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Chemical resistance Good, application-related testing Casoline resistance Good, application-related testing Oil resistance Good, application-related testing Dir lesistance Good, application-related testing Contection type 2 2 Mio. @ 25 °C Contection type 2 11 Family construction form M12 Gender female Color contat carrier black </td <td></td> <td></td>		
Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C Operating temperature (ixed) 80 °C Operating temperature (fixed) 80 °C Operating temperature (ixed) 70 °C Flame resistance UL 1581 § 1090 IEC 60332-2:2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oll resistance Good, application-related testing Diffusitance Good, application-related testing Oll resistance Good, application-related testing Oll resistance Good, application-related testing Diffusitance Good, application-related testing Diffusitance S × Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C Connection type 2 Fee cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier blac		-
Max. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingBending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)2 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles11Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2n.c.PIN 3-PIN 4NO S 1	Power frequency withstand voltage (wire - jacket)	-
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Gasoline resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)2 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles11Family construction formM12GenderfemaleColor contact carrierblackColingANo. of poles4PIN 1+PIN 2n.c.PIN 3-PIN 4NO S 1	Flame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
Gasoline resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)2 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles11Family construction formM12GenderfemaleColor contact carrierblackColingANo. of poles4PIN 1+PIN 2n.c.PIN 3-PIN 4NO S 1	chemical resistance	Good, application-related testing
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Bending radius (dynamic)10 x Outer diameterTravel speed (C-track)2 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles11Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2n.c.PIN 3-PIN 4NO S 1	Bending radius (fixed)	5 x Outer diameter
Connection type 2Family construction formfree cable endNo. of poles11Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2n.c.PIN 3-PIN 4NO S 1	Bending radius (dynamic)	10 x Outer diameter
Connection type 2Family construction formfree cable endNo. of poles11Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2n.c.PIN 3-PIN 4NO S 1	Travel speed (C-track)	2 Mio. @ 25 °C
No. of poles11Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2n.c.PIN 3-PIN 4NO S 1	Connection type 2	
Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2n.c.PIN 3-PIN 4NO S 1	Family construction form	free cable end
GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2n.c.PIN 3-PIN 4NO S 1	No. of poles	11
Color contact carrierblackCodingANo. of poles4PIN 1+PIN 2n.c.PIN 3-PIN 4NO S 1	Family construction form	M12
Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Gender	female
No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Color contact carrier	black
PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Coding	A
PIN 2 n.c. PIN 3 - PIN 4 NO S 1	No. of poles	4
PIN 3 - PIN 4 NO S 1	PIN 1	+
PIN 4 NO S 1	PIN 2	n.c.
	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: 2024-05-17

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