

CAP FOR D-BOX M12 8-WAY 5-POLE

Pot.-sep. 5m PUR/PVC, 16x0,34+5X0.75

for 8-way distribution boxes, 5-pole potentially separated Further cable lengths on request.

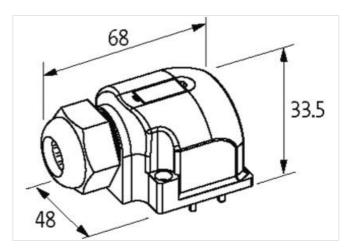
Plastic housings with good resistance against chemicals and oils.

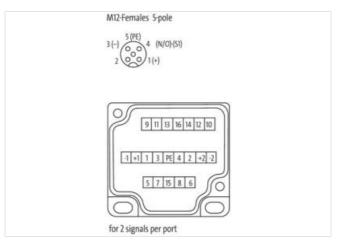
The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

Illustration







Product may differ from Image



Commercial data		
ECLASS-6.0	27143423	
ECLASS-6.1	27279219	
ECLASS-7.0	27279219	
ECLASS-8.0	27279219	



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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	4048879053631
Packaging unit	1
Electrical data Supply	
Total current max.	8 A
Device protection Media	
Flame resistance	flame retardant
Mechanical data Material data	
Material housing	Plastic
Environmental characteristics Climatic	
	00.00
Operating temperature min.	-20 °C
Operating temperature max.	80 °C
Additional condition temperature range	depending on cable quality
Installation Cable	
Cable identification	404
Cable Type	2
Jacket Color	gray
Type of Certificate	cURus
STOOW style jacket	Hybrid, Signal, Power
Amount stranding	1
Stranding	5 wires around Core filler twisted
Amount stranding (type 2)	1
Stranding (type 2)	16 wires around Stranding combination twisted
wire arrangement	blue 1, brown 1, blue 2, brown 2, green-yellow, (green, red-blue, white, gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white)
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Cable weigth	257,87 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)	12,5 mm
Tolerance outer diameter (sheath)	± 5 %
Material inner jacket	PVC
Color (inner jacket)	gray
Material wire insulation	PVC
Amount wires	16
Outer diameter insulation	1,4 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	55 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Material wire insulation (Power)	PVC
Outer diameter wire insulation (Power)	2,2 mm

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: 2024-04-27



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Shore hardness wire insulation (Power)	Tolerance outer diameter wire insulation (Power)	±5 %
Ingredient freeness wire insulation (Power) lead-free, cadmium-free, CFC-free, silicone-free	Shore hardness wire insulation (Power)	43±5 Shore D
Printing colour wire insulation (Power) white (isolation blue), white (isolation brown) Amount wires (Power) 5 Amount strands wire (Power) 0.15 mm Wire conductor cross section (Power) 0.75 mm² Wire conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) Stranded capper wire, bare Conductor type wire (Power) strand class 6 Tarvaversing distance (C-track) 5 m g 25 °C Current load capacity (islandard) to DIN VDE 0298-4 Current load capacity (islandard) 2 to DIN may 020 °C Loop target (islandard) 20 °C Bearting (islandard) 2 kV @ 60 s	Material properties wire insulation (Power)	good machinability
Amount wires (Power) 5 Amount strands wire (Power) 42 Diamater of slight wires (Power) 0,15 mm Wire conductor cross section (Power) 0,75 mm² Material conductor wire (Power) stranded copper wire, bare Conductor type wire (Power) stranded cape. Traversing distance (C-track) 5 m @ 25 ° C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Electrical resistance constant wire 57 Ωkm @ 20 ° C Electrical resistance inne constant wire 57 Ωkm @ 20 ° C Loop resistance 7.8 A Max. rated voltage power (conductor - ground) 300 V Ax are voltage power (conductor - ground) 300 V Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (fixed) 80 ° C Operating temperature (static) -30 ° C Max. operating temperature (wire - wire) 70 ° C Flame resistance U.1 1581 § 1100 FT2 U.1 1581 § 1980 EC 60332-2-2 Chemical resistance Good, application-related testing Gasoline resistance Go	Ingredient freeness wire insulation (Power)	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands wire (Power) 42 Diameter of single wires (Power) 0.15 mm Wire conductor roses section (Power) 0.75 mm² Material conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) strand class 6 Traversing distance (C-track) 5 m Ø 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Electrical resistance ine constant wire 5 °C Nm Ø 20 °C Electrical resistance coating wire (Power) 26 Ω/km Ø 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 - jacket) 2 kV Ø 60 s Min. operating temperature (static) 30 °C Max. operating temperature (fixed) 30 °C Max. operating temperature (fixed) 30 °C Operating temperature (fixed) 70 °C Plane resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance DIN Ex flow	Printing colour wire insulation (Power)	white (isolation blue), white (isolation brown)
Diameter of single wires (Power) 0,15 mm Wire conductor cross section (Power) 0,75 mm² Material conductor wire (Power) Straded copper wire, bare Conductor type wire (Power) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to IN VPE 0299-4 Current load capacity (standard) to IN VPE 0299-4 Current load capacity min. wire 4 A Electrical resistance line constant wire 57 D/m @ 20 °C Electrical resistance coaling wire (Power) 28 D/m @ 20 °C Loop resistance 7.8 A Max. rated voltage power (conductor - ground) 300 V Wax. As and voltage power (conductor - ground) 300 V Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (wist) 2 kV @ 60 s Min. operating temperature (wist) 2 kV @ 60 s Max. proparating temperature (wist) 30 °C Operating temperature mix. (dynamic) 5 °C Operating temperature mix. (dynamic) 5 °C Good, application-related testing Gasoline resistance Good, application	Amount wires (Power)	5
Wire conductor oross section (Power) 0,75 mm² 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) 10 DIN VDE 0298-4 Electrical resistance line constant wire 5 ∩ Ω/km @ 20 °C Electrical resistance coating wire (Power) 28 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 (wire - wire) 2 kV @ 60 s Min. operating temperature (static) 30 °C Mix. operating temperature (static) 30 °C Operating temperature max. (dynamic) 5 °C Operating temperature max. (dynamic) 70 °C Filam resistance Good, application-related testing Gasoline resistance Good, application-related testing Bending radius (fixed) 5 × Outer diameter Bending radius (fixed) 5 × Outer diameter Bending radius (gynamic) 10 × Outer diameter Connectio	Amount strands wire (Power)	42
Material conductor wire (Power) Stranded copper wire, bare	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 (standard) 10 IN VDE 0298-4 Current load capacity min. wire 4 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Power) 26 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 (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Max. operating temperature (ince) 80 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) -5 °C Operating resistance UL 1581 § 1100 FT2 UL 1581 § 1000 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Disc Most 6004, application-related testing Bending radius (fixed) 5 × Outer diameter	Wire conductor cross section (Power)	0,75 mm²
Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) 4 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Power) 26 Q/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 (wire - piacket) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) -7 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Bending radius (fixed) 5 × Outer diameter Bending radius (fixed) 5 × Outer diameter Bending radius (fixe	Material conductor wire (Power)	Stranded copper wire, bare
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 Ωkm @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 Min. operating temperature (static) 30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) 5 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Bending radius (fixed) 5 × Outer diameter Bending radius (dynamic) 10 × Outer diameter Connection type 2 Family construction form free cable end No. of poles 21 Family construction form M12 Gender female Coloring A	Conductor type wire (Power)	strand class 6
Current load capacity min. wire 4 A Electrical resistance loc constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Power) 26 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 (wire - 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 (static) 30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) 5 °C Operating temperature max. (dynamic) 70 °C Flame resistance U. L 1581 § 1100 FT2 U. L 1581 § 1000 IEC 60332-2-2 Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (fixed) 5 x Outer diameter Pamily construction form free cable end	Traversing distance (C-track)	5 m @ 25 °C
Electrical resistance line constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Power) 26 Ω/km @ 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 (fixed) 80 °C Operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Plame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Family construction form free cable end No. of poles 21 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5	Current load capacity (standard)	to DIN VDE 0298-4
Electrical resistance coating wire (Power) 26 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 (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (static) 80 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Connection type 2 Family construction form free cable end No. of poles 21 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 FIN 1 + FIN 2 NC S 2 FIN 3 - FIN 4 NO S 1	Current load capacity min. wire	4 A
Loop resistance	Electrical resistance line constant wire	57 Ω/km @ 20 °C
Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - conductor) 300 V Power frequency withstand voltage power (wire - kire) 2 kV @ 60 s Kowithstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1000 IEC 60332-2-2 chemical resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Family construction form free cable end No. of poles 21 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 FIN 1 + </td <td>Electrical resistance coating wire (Power)</td> <td>26 Ω/km @20 °C</td>	Electrical resistance coating wire (Power)	26 Ω/km @20 °C
Max. rated voltage power (conductor - conductor) 300 V Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s AG. withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing 0ir resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Connection type 2 Family construction form Family construction form free cable end No. of poles 21 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 FIN 1 + <td>Loop resistance</td> <td>7,8 A</td>	Loop resistance	7,8 A
conductor) 300 V Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (static) -80 °C Operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Connection type 2 Family construction form Family construction form free cable end No. of poles 21 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 FIN 1 + FIN 2 NC S 2 PIN 3 - FIN	Max. rated voltage power (conductor - ground)	300 V
Contention type 2 Contention type 2		300 V
Min. operating temperature (static) Max. operating temperature (fixed) Max. operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Connection type 2 Family construction form free cable end No. of poles 21 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - FIN 4 NO S 1	. ,	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 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Connection type 2 Family construction form free cable end No. of poles 21 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 PIN 4 NO S 1	AC withstand voltage power (wire - wire)	2 kV @ 60 s
Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Connection type 2 Family construction form free cable end No. of poles 21 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 PIN 4 NO S 1	Min. operating temperature (static)	-30 °C
Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Connection type 2 Family construction form free cable end No. of poles 21 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Max. operating temperature (fixed)	80 °C
Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Connection type 2 Family construction form free cable end No. of poles 21 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Operating temperature min. (dynamic)	-5 °C
chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Connection type 2 Family construction form free cable end No. of poles 21 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 FIN 3 FIN 4 NO S 1	Operating temperature max. (dynamic)	70 °C
Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Connection type 2 Family construction form free cable end No. of poles 21 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Flame resistance	UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2
Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Connection type 2 Family construction form free cable end No. of poles 21 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	chemical resistance	Good, application-related testing
Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Connection type 2 Family construction form free cable end No. of poles 21 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Gasoline resistance	Good, application-related testing
Bending radius (dynamic) 10 x Outer diameter	Oil resistance	DIN EN 60811-404 Good, application-related testing
Connection type 2 Family construction form free cable end No. of poles 21 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Bending radius (fixed)	5 x Outer diameter
Family construction form free cable end No. of poles 21 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Bending radius (dynamic)	10 x Outer diameter
No. of poles 21 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Connection type 2	
Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Family construction form	free cable end
Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	No. of poles	21
Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO 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 - NO S 1	PIN 1	+
PIN 3 - NO S 1	PIN 2	
PIN 4 NO S 1		-
	PIN 4	NO S 1
	PIN 5	PE