

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.

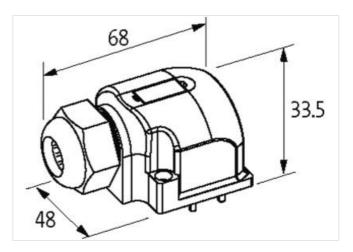
Plastic housings with good resistance against chemicals and oils.

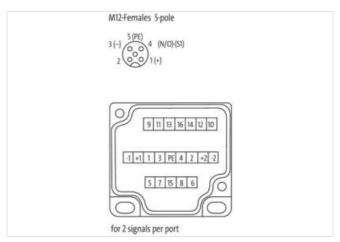
The resistance to aggressive media should be individually tested for your application. Further details on request.

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	
	Disation
Material housing	Plastic
Environmental characteristics Climatic	
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
Function cable	Hybrid, Signal, Power
Jacket Color	gray
Type of Certificate	cURus
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)
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
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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: 2024-05-29



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Shore In Markinses wire insulation (Powery) Markinsel propriet wire insulation (Powery) Markinsel Mark	Tolerance outer diameter wire insulation (Power)	±5 %
Ingredient freeness wire insulation (Power) lead free, cadmium-free, CFC-free, sillcone-free Printing polour wire insulation (Power) 42 Amount strands wire (Power) 42 Diameter of single wires (Power) 0,75 mm² Wire conductor cross section (Power) 5 franded copper wire, bare Macratal conductor wire (Power) Stranded copper wire, bare Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - ground) 300 V Current load capacity (standard) 100 IV VE 0298.4 Electrical resistance line constant wire 57 Ω km @ 20°C Electrical resistance (standard) 2 N @ 60 S Power fraquency withstand voltage (wire - lack) 2 kV @ 60 s Min. operating temperature (stadic) 30°C Max. operating temperature (standard) 70°C Peramic resistance UL 1581 § 110 FTZ UL 1581 § 1000 FTZ UL 158	Shore hardness wire insulation (Power)	43±5 Shore D
Printing colour wire insulation (Power) white (isolation blow), white (isolation brown) Amount writes (Power) 5 Amount strained wire (Power) 42 Dameter of single wires (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 Max. rated voltage (conductor - ground) 300 V Max. rated voltage (conductor - ground) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) 7,8 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Power) 26 0/km @ 20 °C Electrical resistance (Power) 26 0/km @ 20 °C Electrical resistance (Power) 21 V @ 60 s Min. operating temperature (Rower) 21 V @ 60 s Min. operating temperature (Rower) 30 °C Operating temperature (Rower) 30 °C Operating temperature (wast) 30 °C Operating temperature (wast)	Material properties wire insulation (Power)	good machinability
Amount wires (Power) 5 Amount stands wire (Power) 42 Amount stands wire (Power) 0,15 mm Wire conductor vores section (Power) 0,75 mm² Material conductor wire (Power) 5 mm de comper wire, barre Canductor type wire (Power) 5 mm de comper wire, barre Canductor type wire (Power) 5 mm de comper wire, barre Canductor type wire (Power) 5 mm de comper wire, barre Canductor type wire (Power) 5 mm de comper wire, barre Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - ground) 100 NV € 6298-4 Current load capacity (standard) 100 NV € 6298-4 Current load capacity (standard) 100 NV € 6298-4 Electrical resistance costing wire (Power) 7,8 A Electrical resistance costing wire (Power) 2 kW ⊕ 60 s Electrical resistance costing wire (Power) 2 kW ⊕ 60 s Min. operating temperature (static) 30 °C Max. operating temperature (fixed) 80 °C Operating temperature mix. (dynamic) 70 °C Flame resistance 0 UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing 6 Good, application-related testing 6 Good, application-related testing 7 Gooding resistance 10 N E N 6811-404 Good, application-related testing 7 Bending radius (fixed) 5 × Cuter diameter 8 Bending radius (gynamic) 10 × Cuter diameter 8 Farilly construction form 6 Free cable end 100 × Cuter diameter 9 Farilly construction form 6 Free cable end 100 × Cuter diameter 9 Black 100 × Cuter 1	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 ross section (Power) Stranded copper wire, bare Conductor type wire (Power) strand class 6 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 7,8 A Electrical resistance lone constant wire 7 O/Mm @ 20 °C Electrical resistance scalling wire (Power) 25 O/Mm @ 20 °C AC withstand voltage (wire- jackel) 2 kV @ 60 s Power frequency withstand voltage (wire- jackel) 2 kV @ 60 s Min. operating temperature (static) 30 °C Min. operating temperature (static) 30 °C Operating temperature max. (dynamic) 5 °C Operating temperature max. (dynamic) 70 °C Filame resistance U. 1581 § 1100 FT2 U. 1581 § 1900 IEC 60332-2-2 chemical resistance Good, application-related testing Oil resistance DIN EN 6081-404 (Good, application-related testing <td>Printing colour wire insulation (Power)</td> <td>white (isolation blue), white (isolation brown)</td>	Printing colour wire insulation (Power)	white (isolation blue), white (isolation brown)
Diameter of single wires (Power) 0,15 mm	Amount wires (Power)	5
Wire conductor cross section (Power) 0,75 mm² Material conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) strand class 6 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 strand, wire. 4 A Current load capacity min. wire (Power) 7.8 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 Min. operating temperature (stalic) 30 °C Max. operating temperature (stalic) 30 °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 Gli resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (fixed) 5 x Outer diameter	Amount strands wire (Power)	42
Material conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) strand class 6 Max. rated vollage (conductor - conductor) 300 V Max. rated vollage (conductor - ground) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire (Power) 7.8 A Electrical resistance line constant wire 57 Okm @ 20 °C Electrical resistance coating wire (Power) 2 kW @ 60 s Power frequency withstand voltage (wire - wire) 2 kW @ 60 s Power frequency withstand voltage (wire - wire) 2 kW @ 60 s Power frequency withstand voltage (wire - wire) 2 kW @ 60 s Max. operating temperature (fixed) 30 °C Max. operating temperature (fixed) 80 °C Operating temperature max. (dynamic) 70 °C Flamar resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Bending radius (fixed) 5 x Curred diameter No. of bending cycles (C-track) 5 x Quer diameter No. of bending cycles (C-track) 5 m @ 25	Diameter of single wires (Power)	0,15 mm
Conductor type wire (Power) strand class 6 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 carrying capacity min. wire 4 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Electrical resistance to line constant wire 2 RV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -30 °C Min. operating temperature min. (dynamic) -5 °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 Bending radius (fixed) 5 x Outer diameter Bending radius (gynamic) 10 x Outer diameter Bending radius (gynamic) 10 x Outer diameter	Wire conductor cross section (Power)	0,75 mm²
Max. rated voltage (conductor - ground) 300 V Max. rated voltage (conductor - ground) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current carrying capacity min. wire 4 A Current carrying capacity min. wire (Power) 7.8 A Electrical resistance coating wire (Power) 26 Ω/km @ 20 °C Electrical resistance coating wire (Power) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (isted) 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 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) 5 m @ 25 °C Traver speed (C-track) 2 m/s @ 5 °C	Material conductor wire (Power)	Stranded copper wire, bare
Max. rated voltage (conductor - ground) 300 V Current load capacity (sinardard) 10 DIN VDE 0298-4 Current load capacity min. wire 4 A Current carrying capacity min. wire (Power) 7,8 A Electrical resistance line constant wire 57 Ωkm @ 20 °C Electrical resistance load (wire - wire) 26 Ωkm @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - packet) 30 °C Max. operating temperature (static) 30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Oli resistance Oli N EN 08911-404 Good, application-related testing Bending radius (fixed) 5 × Cuter diameter Bending radius (fixed) 5 m @ 25 °C Travel speed (C-track) 2 mio @ 25 °C Travel speed (C-track) 2 mio @ 25 °C Travel speed (C-track) 5 m @ 25 °C Family construction form free cable end No. of poles 21 Family construction form free cable end No. of poles 5 Family construction form free cable end No. of poles 5 Final + Pinal + Pinal Final No. of poles 5 Final + Pinal + Pinal Final No. of poles 5 Final - Final - Final Final -	Conductor type wire (Power)	strand class 6
Current load capacity (standard) to DIN VDE 0298-4 Current carrying capacity min. wire 4 A Current carrying capacity min. wire (Power) 7.8 A Electrical resistance line constant wire 57 O/km @ 20 °C Electrical resistance coating wire (Power) 26 O/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 Max. operating temperature min. (dynamic) -5 °C Operating temperature min. (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 Gail resistance DIN EN 68811-404 Good, application-related testing Bending radius (fixed) 5 × Outer diameter Bending radius (fixed) 5 × Outer diameter No. of bending cycles (C-track) 10 × Outer diameter No. of bending cycles (C-track) 2 min @ 25 °C Traversing distance (C-track) 5 m @ 25 °C Traversing distance (C-track) 5 m @	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 line constant wire 57 Ωkm @ 20 °C Electrical resistance coating wire (Power) 26 Ωkm @20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - iacket) - 30 °C Min. operating temperature (static) - 30 °C Max. operating temperature (fixed) 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 Gasoline resistance Good, application-related testing Gli resistance DIN EN 60811-404 [good, application-related testing 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) 2 Min. @ 25 °C Traversing distance (C-track) 2 m/s @ 25 °C Traversing distance (C-track) 2 m/s @ 25 °C	Max. rated voltage (conductor - ground)	300 V
Current carrying capacity min. wire (Power) 7.8 A Electrical resistance loc 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 (static) 30 °C Min. operating temperature (fixed) 80 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1900 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN Ne Mo811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Traver ing distance (C-track) 2 mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 2 1 Family construction form M12 Gender female Coloring A No. of poles 5	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) 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 Oil resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter No. of bending cycles (C-track) 2 Min. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C Traversing distance (C-track) 2 m @ 25 °C Travel speed (C-track) 2 m @ 25 °C Travel speed (C-track) 2 m @ 25 °C Tamily 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	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 - iacket) 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 DINE K 60811-404 Good, application-related testing Oil resistance DINE K 60811-404 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 Travel speed (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 21 Family construction form M12 Gender female Cooler contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Current carrying capacity min. wire (Power)	7,8 A
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 Operating temperature (fixed) 80 °C Operating temperature min. (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 Gasoline resistance DIN EN 60811-404 Good, application-related testing Gardius (fixed) 5 x Outer diameter Bending radius (fixed) 5 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C Connection type 2	Electrical resistance line constant wire	57 Ω/km @ 20 °C
Power frequency withstand voltage (wire - jacket)	Electrical resistance coating wire (Power)	26 Ω/km @20 °C
Jacket 2 kV @ 60 s	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 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 No. of bending cycles (C-track) 2 Mio. @ 25 °C Traversing distance (C-track) 2 m @ 25 °C 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 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	1 , 0 ,	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 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 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 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 + 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 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 Eamily construction form 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 (fixed) 10 x Outer diameter Bending radius (cycles (C-track) 2 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C Traversing distance (C-track) 2 m/s @ 25 °C 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 ℃
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 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 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	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 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 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	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 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 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 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 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)	Oil resistance	DIN EN 60811-404 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 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
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 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
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	No. of bending cycles (C-track)	2 Mio. @ 25 °C
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	Traversing distance (C-track)	5 m @ 25 °C
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	Travel speed (C-track)	2 m/s @ 25 °C
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 - PIN 4 NO S 1	PIN 1	+
PIN 4 NO S 1	PIN 2	NC S 2
PIN 4 NO S 1	PIN 3	-
PIN 5 PE	PIN 4	NO S 1
	PIN 5	PE