

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

Pot.-sep. 20m PUR/PVC, 16x0,34+5X0.75

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

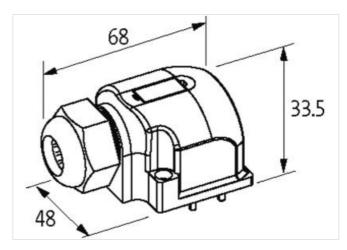
Plastic housings with good resistance against chemicals and oils.

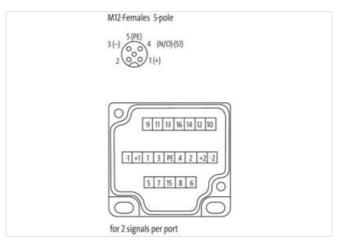
The resistance to aggressive media should be individually tested for your application. Further details on request.

## **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	



stay connected

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	4048879053600
Packaging unit	1
Electrical data   Supply	
Total current max.	8 A
Device protection   Media	
Flame resistance	flame retardant
Mechanical data   Material data	
	Plastic
Material housing	Plastic
Environmental characteristics   Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	80 ℃
Additional condition temperature range	depending on cable quality
Installation   Cable	
STOOW style jacket	Hybrid, Signal, Power
Cable identification	404
Cable Type	2
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 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	5



Outer diameter wire insulation (Power)         2,2 mm           Tolerance utuer diameter wire insulation (Power)         45 %           Shore hardress wire insulation (Power)         43±5 Shore D           Material properties wire insulation (Power)         15 mm           Ingredient feeness wire insulation (Power)         15 mm           Printing colour wire insulation (Power)         42           Diameter of single wires (Power)         42           Diameter of single wires (Power)         0.75 mm²           Wire conductor ross section (Power)         0.75 mm²           Material conductor wire (Power)         Stranded copper wire, bare           Conductor type wire (Power)         Stranded copper wire, bare           Max. raled voitage (conductor - conductor)         300 V           Max. raled voitage (conductor - ground)         300 V           Max. raled voitage (conductor - ground)         100 IN VDE 0289-4           Current load capacity (standard)         20 DNM @20 °C           AK A Biodration desirations coaling wire (Power)         20 SDM @20 °C </th <th>Material wire insulation (Power)</th> <th>PVC</th>	Material wire insulation (Power)	PVC
15	Outer diameter wire insulation (Power)	2,2 mm
Material properties wire insulation (Power)         good machinability           Ingredient freeness wire insulation (Power)         lead-free, cadminum-free, CFC-free, silicone-free           Printing colour wire insulation (Power)         42           Diameter of single wires (Power)         42           Diameter of single wires (Power)         0,75 mm²           Material conductor wire (Power)         Stranded copper wire, bare           Conductor type wire (Power)         Stranded so 8           Max. rated voltage (conductor - conductor)         300 V           Max. rated voltage (conductor - ground)         300 V           Current load capacity min. wire         4 A           Log-resistance (Power)         7,8 A           Electrical resistance line constant wire         50 km @ 20 °C           Electrical resistance ocating wire (Power)         2 kV @ 60 s           Flower frequency withstand voltage (wire- jacket)         2 kV @ 60 s           Min. operating temperature (static)         30 °C           Operating temperature min. (dynamic)         5 °C           Operating temperature max (dynamic)         5 °C           Dim		±5 %
Ingredient freeness wire insulation (Power)   Nad-free, cadminum-free, CFC-free, sillicone-free	Shore hardness wire insulation (Power)	43±5 Shore D
Printing colour wire insulation (Power)         white (isolation blue), white (isolation brown)           Amount strands wire (Power)         42           Diameter of slingle wires (Power)         0.15 mm           Wire conductor vive (Power)         Stranded copper wire, bare           Material conductor wire (Power)         Stranded copper wire, bare           Conductor type wire (Power)         stranded copper wire, bare           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 min. wire         4 A           Loop resistance         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 - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - wire)         2 kV @ 60 s           Max. operating temperature (fixed)         80 °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, appl	Material properties wire insulation (Power)	good machinability
Amount strands wire (Power)         42           Diameter of single wires (Power)         0.15 mm           Wire conductor ross 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           Loop resistance         7,8 A           Electrical resistance inconstant wire         57 (D/km @ 20 °C           Electrical resistance inconstant wire (Power)         26 (D/km @ 20 °C           AC 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           Max. operating temperature (fixed)         80 °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 6081 + 404   Good, application-related testing <td>Ingredient freeness wire insulation (Power)</td> <td>lead-free, cadmium-free, CFC-free, silicone-free</td>	Ingredient freeness wire insulation (Power)	lead-free, cadmium-free, CFC-free, silicone-free
Diameter of single wires (Power)         0,15 mm           Wire conductor cross section (Power)         0,75 mm²           Max rated voltage (conductor - conductor)         strand class 6           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           Loop resistance         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 - wire) (acket)         2 kV @ 60 s           Min. operating temperature (static)         30 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature max. (dynamic)         70 °C           Flamor resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Gasoline resistance         Din En 80811-404   Good, application-related testing           Bending radius (thyramic)         10 × Outer diameter	Printing colour wire insulation (Power)	white (isolation blue), white (isolation brown)
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 (standard)         4 A           Loop resistance         7.8 A           Electrical resistance line constant wire         57 Ω/km @ 20 °C           Electrical resistance coating wire (Power)         26 Ω/km @ 20 °C           A C withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire wire - gacket)         30 °C           Min. operating temperature (fixed)         80 °C           Operating temperature (fixed)         80 °C           Operating temperature (fixed)         80 °C           Operating temperature max. (dynamic)         70 °C           Flame resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Oil resistance         DIN N 60811+404 [Good, application-related testing           <	Amount strands wire (Power)	42
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 min. wire         4 A           Loop resistance         7,8 A           Electrical resistance constant wire         57 Ω/km @ 20 °C           Electrical resistance coating wire (Power)         26 Ω/km @ 20 °C           Rowithstand voltage (wire - wire)         2 kW @ 60 s           Power frequency withstand voltage (wire - wire)         2 kW @ 60 s           Mn. operating temperature (static)         30 °C           Max. operating temperature (ixed)         80 °C           Operating temperature max. (dynamic)         5 °C           Operating temperature max. (dynamic)         70 °C           Flame 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           Tawel speed (C-track)	Diameter of single wires (Power)	0,15 mm
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           Loop resistance         7.8 A           Electrical resistance (ine constant wire         57 Ωkm @ 20 °C           Electrical resistance to cating 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           Min. operating temperature (static)         30 °C           Max. operating temperature (fixed)         80 °C           Operating temperature (fixed)         80 °C           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           Glanding radius (fixed)         5 × Outer diameter           Bending radius (dynamic)         10 × Outer diameter           Family const	Wire conductor cross section (Power)	0,75 mm²
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           Loop resistance         7,8 A           Electrical resistance constant wire         57 Q/km @ 20 °C           Electrical resistance coating wire (Power)         2 kV @ 60 s           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 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           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 (fixed)         5 x Outer diameter           Family construction form         free cable end           No. of poles <td>Material conductor wire (Power)</td> <td>Stranded copper wire, bare</td>	Material conductor wire (Power)	Stranded copper wire, bare
Max. rated voltage (conductor - ground)         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         4 A           Loop resistance         7,8 A           Electrical resistance ine constant wire         57 Ω/km @ 20 °C           Electrical resistance coating wire (Power)         2 k V @ 60 s           Power frequency withstand voltage (wire - wire)         2 k V @ 60 s           Power frequency withstand voltage (wire - wire) (acket)         30 °C           Min. operating temperature (static)         -30 °C           Max. operating temperature (fixed)         80 °G           Operating temperature max. (dynamic)         -5 °C           Operating temperature max. (dynamic)         70 °C           Flame resistance         UL 1581 § 1100 FT2   UL 1581 § 1909   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           Travel speed (C-track)         2 Mio. @ 25 °C           Conception type 2           Family construction form         M12           Gender         female	Conductor type wire (Power)	strand class 6
Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         4 A           Loop resistance         7.8 A           Electrical resistance line constant wire         57 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 (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           Gli resistance         DIN EN 6081 + 404   Good, application-related testing           Bending radius (fixed)         5 x Outer diameter           Bending radius (fixed)         5 x Outer diameter           Travel speed (C-track)         2 Mio. @ 25 °C           Connection type 2         Family construction form         M12           Gender         female           Colo	Max. rated voltage (conductor - conductor)	300 V
Current load capacity min, wire         4 A           Loop resistance         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 - iacket)         -30 °C           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. 1581 § 1100 FTZ   U. 1581 § 1090   IEC 60332-2-2           chemical resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Oil resistance         DIN EN 68811-404   Good, application-related testing           Bending radius (fixed)         5 x Outer diameter           Bending radius (dynamic)         10 x Outer diameter           Travel speed (C-track)         2 Mio. @ 25 °C           Connection type 2         Family construction form         M12           Gender         fenale           Color contact carrier         black           Coding         A <td>Max. rated voltage (conductor - ground)</td> <td>300 V</td>	Max. rated voltage (conductor - ground)	300 V
Loop resistance         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 iacket)         2 kV @ 60 s           Min. operating temperature (stadi)         80 °C           Operating temperature (fixed)         80 °C           Operating temperature max. (dynamic)         70 °C           Flame resistance         UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2           Hemical resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Oil resistance         DIN EN 60811-404   Good, application-related testing           Bending radius (flxed)         5 x Outer diameter           Travel speed (C-track)         2 Mio. @ 25 °C           Connection type 2           Family construction form         fee cable end           No. of poles         21           Family construction form         free cable end           No. of poles         5           Coding         A           No. of poles         5           Fin I         +           Pin I	Current load capacity (standard)	to DIN VDE 0298-4
Electrical resistance coating wire (Power)   26 Ω/km @20 °C	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         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           Travel speed (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           FIN 1         +           FIN 2         NC S 2	Loop resistance	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  Min. 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  Bending radius (dynamic) 10 x Outer diameter  Travel speed (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  FIN 1 +  FIN 2 NC S 2  FIN 3 -  FIN 4 NO S 1	Electrical resistance line constant wire	57 Ω/km @ 20 °C
Power frequency withstand voltage (wire - jacket)  Min. operating temperature (static)  As °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  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  Travel speed (C-track)  2 Mio. @ 25 °C   Connection type 2  Family construction form  free cable end  No. of poles  21  Family construction form  M12  Gender  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	Electrical resistance coating wire (Power)	26 Ω/km @20 °C
A   A   A   A   A   A	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           0il resistance         DIN EN 60811-404   Good, application-related testing           Bending radius (fixed)         5 x Outer diameter           Bending radius (dynamic)         10 x Outer diameter           Travel speed (C-track)         2 Mio. @ 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           PIN 1         +           PIN 2         NC S 2           PIN 3         -           PIN 4         NO S 1	, ,	2 kV @ 60 s
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2 Chemical resistance Good, application-related testing Gasoline resistance Oil resistance DIN EN 60811-404   Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (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 Color contact carrier Color 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     DIN EN 60811-404   Good, application-related testing       Bending radius (fixed)     5 x Outer diameter       Bending radius (dynamic)     10 x Outer diameter       Travel speed (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	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           Oil resistance         DIN EN 60811-404   Good, application-related testing           Bending radius (fixed)         5 x Outer diameter           Bending radius (dynamic)         10 x Outer diameter           Travel speed (C-track)         2 Mio. @ 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           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  Travel speed (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	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 Travel speed (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	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  Travel speed (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	chemical resistance	Good, application-related testing
Bending radius (fixed) 5 x Outer diameter  Bending radius (dynamic) 10 x Outer diameter  Travel speed (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	Gasoline resistance	Good, application-related testing
Bending radius (dynamic)         10 x Outer diameter           Travel speed (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	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
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
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 Mio. @ 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 - NO S 1	PIN 1	+
PIN 4 NO S 1	PIN 2	NC S 2
	PIN 3	
PIN 5 PE	PIN 4	NO S 1
	PIN 5	PE