

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

No pot.-sep. 5m PUR UL/CSA, 16x0,5+3x1,0

for 8-way distribution boxes, 5-pole

5.0 m

Further cable lengths on request.

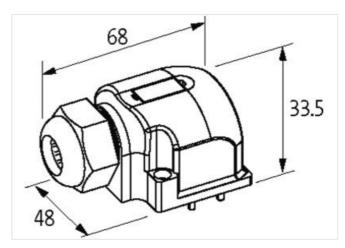
Plastic housings with good resistance against chemicals and oils.

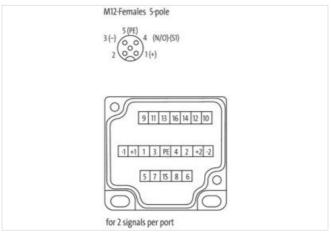
The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

Illustration







Product may differ from Image



Commercial data	
ECLASS-6.0	27143423
ECLASS-6.1	27279219
ECLASS-7.0	27279219
ECLASS-8.0	27279219
ECLASS-9.0	27440108



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ECLASS-10.1	27440108
ECLASS-11.1	27440108
ECLASS-12.0	27440108
ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879053730
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	
Operating temperature min.	-20 °C
Operating temperature max.	70 °C
Additional condition temperature range	depending on cable quality
Installation Cable	
Cable identification	452
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	7 wires around Core filler twisted
Amount stranding (type 2)	1
Stranding (type 2)	12 wires counter-rotating twisted
Banding	Fleece
Banding Filler	Fleece yes
·	
Filler	yes gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brown-
Filler wire arrangement	yes gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet)
Filler wire arrangement Cable weigth	yes gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet) 231 g/m
Filler wire arrangement Cable weigth Material jacket	yes gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet) 231 g/m PUR
Filler wire arrangement Cable weigth Material jacket Shore hardness jacket	yes gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet) 231 g/m PUR 94 ± 5 Shore A
Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	yes gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet) 231 g/m PUR 94 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free
Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	yes gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet) 231 g/m PUR 94 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 11,5 mm
Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	yes gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet) 231 g/m PUR 94 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 11,5 mm ± 5 %
Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	yes gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet) 231 g/m PUR 94 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 11,5 mm ± 5 % TPE-E
Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	yes gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet) 231 g/m PUR 94 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 11,5 mm ± 5 % TPE-E
Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation	yes gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet) 231 g/m PUR 94 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 11,5 mm ± 5 % TPE-E 16 1,6 mm
Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation	yes gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet) 231 g/m PUR 94 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 11,5 mm ± 5 % TPE-E 16 1,6 mm ± 5 %
Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation	yes gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet) 231 g/m PUR 94 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 11,5 mm ± 5 % TPE-E 16 1,6 mm ± 5 % 55 ± 5 Shore D
Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires	yes gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet) 231 g/m PUR 94 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 11,5 mm ± 5 % TPE-E 16 1,6 mm ± 5 % 55 ± 5 Shore D lead-free, CFC-free, halogen-free, silicone-free, LABS-free
Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire)	gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet) 231 g/m PUR 94 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 11,5 mm ± 5 % TPE-E 16 1,6 mm ± 5 % 55 ± 5 Shore D lead-free, CFC-free, halogen-free, silicone-free, LABS-free 64 0,1 mm 0,5 mm²
Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires	gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet) 231 g/m PUR 94 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 11,5 mm ± 5 % TPE-E 16 1,6 mm ± 5 % 55 ± 5 Shore D lead-free, CFC-free, halogen-free, silicone-free, LABS-free 64 0,1 mm
Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Traversing distance (C-track) Material conductor wire	yes gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet) 231 g/m PUR 94 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 11,5 mm ± 5 % TPE-E 16 1,6 mm ± 5 % 55 ± 5 Shore D lead-free, CFC-free, halogen-free, silicone-free, LABS-free 64 0,1 mm 0,5 mm² 5 m @ 25 °C Stranded copper wire, bare
Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Traversing distance (C-track)	gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet) 231 g/m PUR 94 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 11,5 mm ± 5 % TPE-E 16 1,6 mm ± 5 % 55 ± 5 Shore D lead-free, CFC-free, halogen-free, silicone-free, LABS-free 64 0,1 mm 0,5 mm² 5 m @ 25 °C Stranded copper wire, bare strand class 6
Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Traversing distance (C-track) Material conductor wire	yes gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet) 231 g/m PUR 94 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 11,5 mm ± 5 % TPE-E 16 1,6 mm ± 5 % 55 ± 5 Shore D lead-free, CFC-free, halogen-free, silicone-free, LABS-free 64 0,1 mm 0,5 mm² 5 m @ 25 °C Stranded copper wire, bare
Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Traversing distance (C-track) Material conductor wire Conductor type (wire) Material wire insulation (Data) Outer diameter wire insulation (Data)	gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet) 231 g/m PUR 94 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 11,5 mm ± 5 % TPE-E 16 1,6 mm ± 5 % 55 ± 5 Shore D lead-free, CFC-free, halogen-free, LABS-free 64 0,1 mm 0,5 mm² 5 m @ 25 °C Stranded copper wire, bare strand class 6 TPE-E 2,1 mm
Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Traversing distance (C-track) Material conductor wire Conductor type (wire) Material wire insulation (Data)	gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet) 231 g/m PUR 94 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 11,5 mm ± 5 % TPE-E 16 1,6 mm ± 5 % 55 ± 5 Shore D lead-free, CFC-free, halogen-free, LABS-free 64 0,1 mm 0,5 mm² 5 m @ 25 °C Stranded copper wire, bare strand class 6 TPE-E 2,1 mm
Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Traversing distance (C-track) Material conductor wire Conductor type (wire) Material wire insulation (Data) Outer diameter wire insulation (Data)	gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet) 231 g/m PUR 94 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 11,5 mm ± 5 % TPE-E 16 1,6 mm ± 5 % 55 ± 5 Shore D lead-free, CFC-free, halogen-free, LABS-free 64 0,1 mm 0,5 mm² 5 m @ 25 °C Stranded copper wire, bare strand class 6 TPE-E 2,1 mm
Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Traversing distance (C-track) Material conductor wire Conductor type (wire) Material wire insulation (Data) Outer diameter wire insulation (Data) Tolerance outer diameter wire insulation (data)	gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet) 231 g/m PUR 94 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 11,5 mm ± 5 % TPE-E 16 1,6 mm ± 5 % 55 ± 5 Shore D lead-free, CFC-free, halogen-free, silicone-free, LABS-free 64 0,1 mm 0,5 mm² 5 m @ 25 °C Stranded copper wire, bare strand class 6 TPE-E 2,1 mm ± 5 %

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: 2024-05-06



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Diameter of single wires (Data) 0.1 mm Conductor crosssection wire (Data) 1 mm² Micro Conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) Stranded cass 6 Max. rated voltage (conductor - ground) 300 V Aux. rated voltage (conductor - ground) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 5.9 A Current load capacity min. wire (Data) 25.5 A Electrical resistance onling wire (Data) 20.0 km @ 20 °C Electrical resistance coating wire (Data) 20.0 km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - iacket) 2 kV @ 60 s Max. operating temperature (fixed) 90 °C Operating temperature (fixed) 90 °C Operating temperature max. (dynamic) 90 °C Operating temperature max. (dynamic) 90 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Bending ra	Amount strands wire (Data)	128
Material conductor wire (Data) Stranded copper wire, bare	Diameter of single wires (Data)	0,1 mm
Wire conductor type (Data) strand class 6	Conductor crosssection wire (Data)	1 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 (Data) 15 A Electrical resistance content wire 39 Ω/km @ 20 °C Electrical resistance content wire (Data) 20 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - gacket) 2 kV @ 60 s Min. operating temperature (fixed) 90 °C Operating temperature (fixed) 90 °C Operating temperature max. (dynamic) 90 °C Operating temperature max. (dynamic) 90 °C Plame resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (installation) x Outer diameter Bending radius (installation) 8 x Outer diameter Bending radius (dynamic) 10 x Outer diameter <	Material conductor wire (Data)	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 (Data) 15 A Electrical resistance line constant wire 39 Ω/km @ 20 °C Electrical resistance coating wire (Data) 20 Ω/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 (fixed) 90 °C Max. operating temperature (fixed) 90 °C Operating temperature min. (dynamic) -20 °C Operating temperature mix. (dynamic) 90 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2·2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Bending radius (fixed) 8 × Outer diameter Bending radius (fixed) 8 × Outer diameter Bending radius (fixed) 8 × Outer diameter Family construction form free cable end	Wire conductor type (Data)	strand class 6
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. Wire 5,9 A Current load capacity min. Wire (Data) 15 A Electrical resistance line constant wire 39 Ω/km @ 20 °C Electrical resistance coating wire (Data) 20 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - igacket) 40 °C Min. operating temperature (static) 40 °C Max. operating temperature (fixed) 90 °C Operating temperature max. (dynamic) 20 °C Operating temperature max. (dynamic) 90 °C Operating temperature max. (dynamic) 90 °C Operating teresistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Chemical resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Dil resistance Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (fixed) 8 x Outer diameter <	Max. rated voltage (conductor - conductor)	300 V
Current load capacity min. Wire (Data) 5,9 A Current load capacity min. Wire (Data) 15 A Electrical resistance line constant wire 39 Ω/km @ 20 °C Electrical resistance coating wire (Data) 20 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - igacket) -40 °C Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 90 °C Operating temperature min. (dynamic) -20 °C Operating temperature min. (dynamic) 90 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gir resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (installation) x Outer diameter Bending radius (fixed) 8 x Outer diameter Bending radius (fixed) 8 x Outer diameter Travel speed (C-track) 5 Nio. @ 25 °C Connection type 2 Family construction form	Max. rated voltage (conductor - ground)	300 V
Current load capacity min. Wire (Data) 15 A	Current load capacity (standard)	to DIN VDE 0298-4
Electrical resistance line constant wire 39 Ω/km @ 20 °C	Current load capacity min. wire	5,9 A
Electrical resistance coating wire (Data) 20 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - ack with a coating temperature (static) 40 °C Max. operating temperature (static) 40 °C Max. operating temperature (fixed) 90 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 90 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gil resistance Good, application-related testing DIN EN 60811-404 Bending radius (installation) x Outer diameter Bending radius (fixed) 8 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Family construction form free cable end No. of poles 19 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 FINI 1 + FIN 2 NC S 2	Current load capacity min. Wire (Data)	15 A
AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 90 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 90 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (installation) x Outer diameter Bending radius (fixed) 8 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mo. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + <td>Electrical resistance line constant wire</td> <td>39 Ω/km @ 20 °C</td>	Electrical resistance line constant wire	39 Ω/km @ 20 °C
Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Min. operating temperature (fixed) 90 °C Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) Plame resistance UL. 1581 § 1100 FT2 IEC 60332-2-2 UL. 1581 § 1090 Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (installation) x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) Shio. ⊚ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2	Electrical resistance coating wire (Data)	20 Ω/km @ 20 °C
Min. operating temperature (static) Min. operating temperature (static) Max. operating temperature (fixed) 90 °C Operating temperature min. (dynamic) Operating temperature max. (dynamic) 90 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (installation) x Outer diameter Bending radius (fixed) 8 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2	AC withstand voltage (wire - wire)	2 kV @ 60 s
Max. operating temperature (fixed) 90 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 90 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing DIN EN 60811-404 Bending radius (installation) x Outer diameter Bending radius (fixed) 8 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2	. ,	2 kV @ 60 s
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature detaing	Min. operating temperature (static)	-40 °C
Operating temperature max. (dynamic) 90 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (installation) x Outer diameter Bending radius (fixed) 8 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2	Max. operating temperature (fixed)	90 °C
Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (installation) x Outer diameter Bending radius (fixed) 8 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2	Operating temperature min. (dynamic)	-20 °C
chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (installation) x Outer diameter Bending radius (fixed) 8 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2	Operating temperature max. (dynamic)	90 °C
Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (installation) x Outer diameter Bending radius (fixed) 8 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2	Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
Coil resistance Good, application-related testing DIN EN 60811-404 Bending radius (installation) x Outer diameter Bending radius (fixed) 8 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2	chemical resistance	Good, application-related testing
Bending radius (installation) x Outer diameter Bending radius (fixed) 8 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2	Gasoline resistance	Good, application-related testing
Bending radius (fixed) 8 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2	Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (dynamic) Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2	Bending radius (installation)	x Outer diameter
Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2	Bending radius (fixed)	8 x Outer diameter
Connection type 2 Family construction form free cable end No. of poles 19 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2	Bending radius (dynamic)	10 x Outer diameter
Family construction form free cable end No. of poles 19 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2	Travel speed (C-track)	5 Mio. @ 25 °C
No. of poles 19 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2	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	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	No. of poles	19
Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2	Family construction form	M12
Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2	Gender	female
No. of poles 5 PIN 1 + PIN 2 NC S 2	Color contact carrier	black
PIN 1 + PIN 2 NC S 2	Coding	A
PIN 2 NC S 2	No. of poles	5
	PIN 1	+
DNIA	PIN 2	NC S 2
PIN 3 -	PIN 3	-
PIN 4 NO S 1	PIN 4	NO S 1
PIN 5 PE	PIN 5	PE