

EXACT12, 8XM12, 5-POLE, MOULDED CABLE

15.0m PUR 16x0,5+3x1,0, UL/CSA

8-way, 5-pole 15.0 m

Further cable lengths on request.

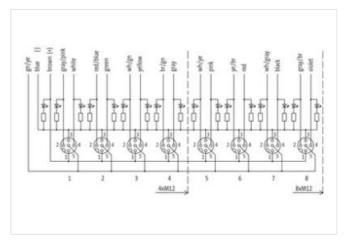
Plastic housings with good resistance against chemicals and oils.

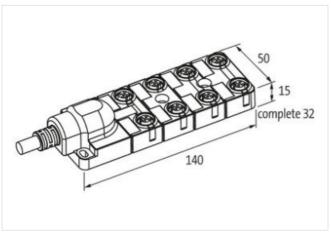
The resistance to aggressive media should be individually tested for your application. Further details on request.

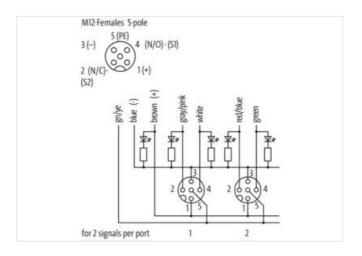
Link to Product

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	

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: 2024-05-02



stay connected

ECLASS-10.1	27440108
ECLASS-11.1	27440108
ECLASS-12.0	27440108
ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879053969
Packaging unit	1
Electrical data Supply	
Operating voltage DC	24 V
Current operating per contact max.	4 A
	7//
Installation Connection	. Was a
Mounting set	M12 x 1
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67
Device protection Media	
Flame resistance	flame retardant
Mechanical data Material data	
Material housing	Plastic
Mechanical data Mounting data	
Mounting method	Schraubgewinde
Environmental characteristics Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	70 °C
Additional condition temperature range	depending on cable quality
Installation Cable	
Cable identification	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
Filler	yes
wire arrangement	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)
Cable weigth	231 g/m
Material jacket	PUR
Shore hardness jacket	94 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free
Outer-diameter (jacket)	11,5 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	TPE-E
Amount wires	16
Outer diameter insulation	1,6 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	55 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free, silicone-free, LABS-free
Amount strands (wire)	64
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,5 mm ²



Controlled type (vire) strand class 6	Material conductor wire	Stranded copper wire, bare
Outer diameter wire insulation (Data) 2.1 mm Toberance outer diameter wire insulation (Data) 55 ± Shoro D Shoro hardness wire insulation (Data) 55 ± Shoro D Ingredient freeness wire insulation (Data) 3 Amount strands were (Data) 128 Diameter of single wires (Data) 0.1 mm Conductor orsessedienton wire (Data) 1 mm² Material conductor were (Data) Stranded copper wire, bare Wire conductor Type (Data) strand class 6 Traversing distance (Chrack) 5 m @ 25 m² Max. rated voltage (conductor - conductor) 300 V Current load capacity (standard) to DIN VDE 0288-4 Current load capacity min. Wire (Data) 5.9 A Current load capacity min. Wire (Data) 15 A Electrical resistance line constant wire 35 Dkm @ 20 n² Electrical resistance coating wire (Data) 2 kV @ 60 s 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 Good, appication-related testing 00 n² O	Conductor type (wire)	strand class 6
Tolerance outer dameler wire insulation (Data) ± 5 % Shore Individues wire insulation (Data) ingredient freeness wire insulation (Data) in mile (Dat	Material wire insulation (Data)	TPE-E
Shore hardness wire insulation (Data) 55 ± 5 Shore D laged-free, halogen-free, silicone-free, LABS-free	Outer diameter wire insulation (Data)	2,1 mm
Ingredient freeness wire insulation (Data) lead-free, halogen-free, silicone-free, LABS-free Amount wires (Diata) 3 3 3 3 3 3 3 3 3	Tolerance outer diameter wire insulation (data)	±5%
Amount wires (Data) 3 Amount strands wire (Data) 128 Amount strands wire (Data) 0,1 mm Conductor crosssection wire (Data) 1 mm² Material conductor wire (Data) 5 tranded copper wire, bare Wire conductor type (Data) 5 tranded copper wire, bare Wire conductor type (Data) 5 tranded copper wire, bare Wire conductor type (Data) 5 tranded copper wire, bare Wire conductor type (Data) 5 tranded copper wire, bare Wire conductor type (Data) 6 mg 25 °C Traversing distance (C-track) 5 m @ 25 °C Max. rated voltage (conductor - ground) 300 V Max. rated voltage (conductor - ground) 300 V Max. rated voltage (conductor - ground) 500 V Max. rated voltage (conductor - ground) 700 V Max. operating temperature (base) 700 V Max. operating temperature (fixed) 700 V Max. operating temperature (fixed) 700 V Max. operating temperature (fixed) 700 V Max. operating temperature max. (dynamic)	Shore hardness wire insulation (Data)	55 ± 5 Shore D
Amount strands wire (Data) 128 Dianeter of single wires (Data) 0.1 mm	Ingredient freeness wire insulation (Data)	lead-free, halogen-free, silicone-free, LABS-free
Diameter of single wires (Data) 0.1 mm Conductor crosssection wire (Data) 1 mm² Mare and Conductor view (Data) Stranded copper wire, bare Wire conductor type (Data) strand class 6 Traversing distance (G-track) 5 m @ 25 °C Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - ground) 300 V Current load capacity sink wire 5.9 A Current load capacity min. Wire (Data) 15 A Electrical resistance line constant vire 39 D/km @ 20 °C Electrical resistance coating wire vire) 2 kV @ 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 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 Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Sock (wire) <	Amount wires (Data)	3
Conductor crosssection wire (Data) 1 mm² Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Max. rated voltage (conductor - conductor) 300 V Gurrent load capacity (standard) 10 IN VDE 0298-4 Current load capacity (standard) 10 IN VDE 0298-4 Current load capacity min. Wire (Data) 15 A Electrical resistance line constant wire 39 Ωkm @ 20 °C Electrical resistance line constant vive 39 Ωkm @ 20 °C Electrical resistance line constant vive 2 kV @ 60 s Power tequency withshad voltage (wire - wire) 2 kV @ 60 s Power tequency withshad voltage (wire - wire) 2 kV @ 60 s Min. operating temperature (fixed) 90 °C Operating temperature (fixed) 90 °C Clame resistance UL 1581 § 1100 FT2 IEC 60332-2.2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasolin resistance Good, application-related testing Gasolin resistance Good, application-related testing DIN EN 60811-404 Bending radius (f	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 Traversing distance (C-track) 5 m @ 25 °C 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 line constant wire 39 Ωkm @ 20 °C Electrical resistance line constant 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) 40 °C Max. operating temperature (fixed) 90 °C Operating temperature max. (dynamic) 20 °C Operating temperature max. (dynamic) 90 °C Operating teresistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (fixed) 8 x Outer diameter Bending radius (fixed) 8 x Outer diameter <td< td=""><td>Conductor crosssection wire (Data)</td><td>1 mm²</td></td<>	Conductor crosssection wire (Data)	1 mm²
Traversing distance (C-track) 5 m @ 25 °C 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 load capacity min. wire 5,9 A Electrical resistance line constant wire 93 Ω/km @ 20 °C Electrical resistance coating wire (Data) 20 Ω/km @ 20 °C Electrical resistance coating wire (Data) 20 Ω/km @ 20 °C Rower frequency withstand voltage (wire - wire) 2 k V @ 60 s Power frequency withstand voltage (wire - wire) 2 k V @ 60 s Power frequency withstand voltage (wire - wire) 2 k V @ 60 s Rowerating temperature (fixed) 90 °C Operating temperature (fixed) 90 °C Operating temperature (fixed) 90 °C Coperating temperature (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 Bending radius (fixed) 8 x Outer diameter Bending radius (fixed) 8 x Outer diameter Bending radius (fixed) 10 x Outer diameter Bending radius (fixed) 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 No S 2 PIN 3 - PIN 4 NO S 1	Material conductor wire (Data)	Stranded copper wire, bare
Max. rated voltage (conductor - conductor) 300 V 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 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 Carrent load capacity min. Wire (Data) 20 Ω/km @ 20 °C Carrent load voltage (wire - wire) 2 kV @ 60 s Carrent load voltage (wire - wire) 2 kV @ 60 s Carrent load voltage (wire - wire) 2 kV @ 60 s Carrent load voltage (wire - wire) 2 kV @ 60 s Carrent load voltage (wire - wire) 2 kV @ 60 s Carrent load voltage (wire - wire) 2 kV @ 60 s Carrent load voltage (wire - wire) 2 kV @ 60 s Carrent load voltage (wire - wire) 2 kV @ 60 s Carrent load voltage (wire - wire) 2 kV @ 60 s Carrent load voltage (wire - wire) 2 kV @ 60 s Carrent load voltage (wire - wire) 2 kV @ 60 s Carrent load voltage (wire - wire) 2 kV @ 60 s Carrent load voltage (wire - wire) 2 kV @ 60 s Carrent load voltage (wire - wire) 2 kV @ 60 s Carrent load voltage (wire - wire) 2 kV @ 60 s Carrent load voltage (wire - wire) 2 kV @ 60 s Carrent load voltage (wire - wire) 2 kV @ 60 s Carrent load voltage (wire - wire) 2 kV @ 60 s Carrent load voltage (wire - wire) 2 kV @ 60 s Carrent load voltage (wire - wire) 2 kV @ 60 s Carrent load voltage (wire - wire) 2 kV @ 60 s Carrent load voltage (wire - wire) 2 kV @ 60 s Carrent load voltage (wire - wire) 2 kV @ 60 s Carrent load voltage (wire - wire) 2 kV @ 60 s Carrent load voltage (wire - wire) 2 kV @ 60 s Carrent load voltage (wire - wire) 2 kV @ 60 s Carrent load voltage (wire - wire) 2 kV @ 60 s Carrent load voltage (wire - wire) 2 kV @ 60 s Carrent load voltage (wire - wire) 2 kV @ 60 s Carrent load voltage (wire - wire) 2 kV @ 60 s Carrent load voltage (wire - wire)	Wire conductor type (Data)	strand class 6
Max. 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) 15 A Electrical resistance inconstant wire 39 Ω/km @ 20 °C Electrical resistance coasting wire (Data) 20 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) -40 °C Max. operating temperature (fixed) 90 °C Operating temperature max. (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 Gil resistance Good, application-related testing Gil resistance Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (kneed) 8 x Outer diameter Bending radius (knemic) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end <td>Traversing distance (C-track)</td> <td>5 m @ 25 °C</td>	Traversing distance (C-track)	5 m @ 25 °C
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 - ispacket) 2 kV @ 60 s Min. operating temperature (static) -40 °C Min. operating temperature (fixed) 90 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 90 °C Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Bending radius (fixed)<	Max. rated voltage (conductor - conductor)	300 V
Current load capacity min. Wire (Data) 15 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 - gacket) 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 Oil resistance Good, application-related testing Bending radius (installation) x Outer diameter </td <td>Max. rated voltage (conductor - ground)</td> <td>300 V</td>	Max. rated voltage (conductor - ground)	300 V
Current load capacity min. Wire (Data) 15 A Electrical resistance localing wire (Data) 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 - jacket) 40 °C 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 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 Bending radius (dynamic) 10 x Outer diameter Remaily construction form free cable end No. of bending cycles (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19	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)	Current load capacity min. Wire (Data)	15 A
AC withstand voltage (wire - wire) 2 kV @ 60 s	Electrical resistance line constant wire	39 Ω/km @ 20 °C
Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s	Electrical resistance coating wire (Data)	20 Ω/km @ 20 °C
jacket		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 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 No. of bending cycles (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 FIN 1 + FIN 2 NC S 2 FIN 3 - FIN 4 NO S 1		2 kV @ 60 s
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) 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) Ending radius (fixed) 8 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (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 PIN 3 - FIN 4 NO S 1	Min. operating temperature (static)	-40 °C
Operating temperature max. (dynamic) 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 No. of bending cycles (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 PIN 3 - PIN 4 NO S 1	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 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 No. of bending cycles (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 PIN 3 - PIN 4 NO S 1	Operating temperature min. (dynamic)	-20 °C
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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 No. of bending cycles (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 PIN 3 - PIN 4 NO S 1	Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
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 No. of bending cycles (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 PIN 3 - PIN 4 NO S 1	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 No. of bending cycles (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 PIN 3 - PIN 4 NO S 1	Gasoline resistance	Good, application-related testing
Bending radius (fixed) 8 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (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 PIN 3 - PIN 4 NO S 1		Good, application-related testing DIN EN 60811-404
Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (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 PIN 3 - PIN 4 NO S 1		
No. of bending cycles (C-track) Connection type 2 Family construction form free cable end No. of poles 19 Family construction form M12 Gender Gender Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1		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 PIN 3 - PIN 4 NO S 1	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 PIN 3 - PIN 4 NO S 1	No. of bending cycles (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 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	19
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