

EXACT8, 4XM8, 3 POLE PLUG. CAP, SPRING-TERM.

5.0m PUR 4X0.34+2x0,75, UL/CSA

4-way, 3-pole

5.0 m

Further cable lengths on request.

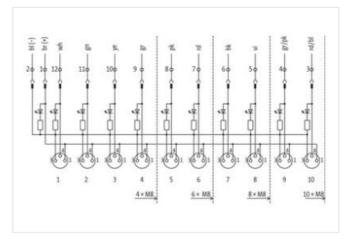
Plastic housings with good resistance against chemicals and oils.

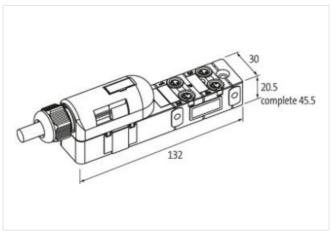
The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

Illustration







M8-Females 3-pole 4 (N/O) for 1 signal per port

Product may differ from Image





Commercial data	
ECLASS-6.0	27279219
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: 2024-05-03



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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	4048879056465
Packaging unit	1
Electrical data Supply	
Operating voltage DC	24 V
Current operating per contact max.	2 A
Total current max.	8 A
Installation	
Connection cross section max.	1,5 mm²
AWG number max.	16
Installation Connection	
Connection	Spring clamp terminals FK
Mounting set	M8 x 1
	MO A 1
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP67
Additional condition protection degree	screwed, mounted
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.	80 °C
Additional condition temperature range	depending on cable quality
	aspertantly on cable quality
Installation Cable	
Cable identification	334
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	6 wires around Filler twisted
Banding Filler	Fleece
	brown blue gray vellow groon white
wire arrangement Cable weigth	brown, blue, gray, yellow, green, white
Material jacket	78,1 g/m PUR
Shore hardness jacket	89 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Outer-diameter (jacket)	7,6 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	TPE-E
Amount wires	4
Outer diameter insulation	1,5 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	55 Shore D
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free

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Diameter of single wires 0,1 mm Conductor vire Stranded copper wire, barre Stranded c	Amount strongs (wire)	40
Material conductor wire Material conductor wire Stranded copper wire, bare Stranded copper wire	Amount strands (wire)	0.1 mm
Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Triversing distance (C-track) 5 m @ 25 °C] Individual Material wire insulation (Data) TPE-E Outer disameter wire insulation (Data) 5 5 % Tolerance outer dismeter wire insulation (Data) 5 5 % Progredent freeness wire insulation (Data) 5 5 Shore D Impredent freeness wire insulation (Data) 1 5 Shore D Impredent freeness wire insulation (Data) 2 Amount strands wire (Data) 2 Amount strands wire (Data) 4 2 Unimaritier of single wires (Data) 0.15 mm Conductor reseasection wire (Data) 0.75 mm² Wire conductor type (Data) stranded copper wire, bare Wire conductor type (Data) stranded copper wire, bare Wire conductor type (Data) stranded copper wire, bare Wire conductor speed (conductor conductor) 300 V Max. rated voilage (conductor conductor) 300 V Ware rate and voltage (conductor conductor) 300 V Current bad capacity (standard) to DIN VDE 0298-4 Current bad capacity (stan		·
Conductor type (wire) stand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Material wire insulation (Data) TPE.E Outer diameter wire insulation (Data) 1.8 mm Toferance outer diameter wire insulation (Data) 55 % Shore hardness wire insulation (Data) 55 Shore D Improdient Treeness wire insulation (Data) 55 Shore D Improdient Treeness wire insulation (Data) 42 Amount strands wire (Data) 42 Diameter of single wires (Data) 42 Diameter of single wires (Data) 42 Wire conductor wire (Data) 55 randed copper wire, bare Material conductor wire (Data) 55 randed copper wire, bare Max. rated voitage (conductor - conductor) 300 V Max. rated voitage (conductor - ground) 300 V Max. rated voitage (conductor - ground) 300 V Max. rated voitage (conductor - ground) 300 V Current load capacity wire wire 42 A Current load capacity wire wire 42 A Current load capacity wire wire 43 A Electrical resistance into one constant vire 57 Ω/m @ 20		
Traversing distance (C-track) 5 m @ 25 °C horizontal Material wire insulation (Data) TPE-E Outer disables wire insulation (Data) 1,8 mm Tolerance outer dismeter wire insulation (Data) 5 % Store hardness wire insulation (Data) 5 % Store D Ingredient freeness wire insulation (Data) 2 PS of the control of the contr		
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Amount wires (Data) 2 Amount strands wire (Data) 42 Diameter of single wire (Data) 0,15 mm Conductor crosssection wire (Data) 0,75 mm² Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) 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 min. wire 4,2 A Current load capacity min. wire 4,2 A Current load capacity min. Wire (Data) 8,4 A Electrical resistance line constant vire 57 Ωkm @ 20 °C Electrical resistance coating wire (Data) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Min. operating temperature (static) 40 °C Operating temperature min. (dynamic) 5° °C Operating temperature min. (dynamic) 80 °C Operating temperature min. (dynamic) 80 °C Operating temperature min. (dynamic) 80 °C Operating resistance Good, application-related testing Gasoline resistance DIN EN 6081 + 404 Good, application-related testing Bending radius (fixed) 7,5 x Outer diameter Travel speed (V-track) 5 Mo. @ 25 °C Connection type 2 Family construction form free cable end Max Gordar female Coding A No. of poles 6 Family construction form M8 Gonder female Coding A No. of poles 3 PIN 1		55 Shore D
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Conductor crosssection wire (Data) 0.75 mm² Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) 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 4.2 A Current load capacity min. Wire (Data) 8.4 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Data) 2 kW @ 60 s 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 Substance (Feductor) 40 °C Max. operating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C Poperating temperature max. (dynamic) 5 °C Operating temperature max. (dynamic) 6 °C Gasoline resistance Good. application-related testing Oil resistance Good. application-related testing Bending radius (fixed) <td>Amount strands wire (Data)</td> <td>42</td>	Amount strands wire (Data)	42
Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) 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 4,2 A Current load capacity min. Wire (Data) 8,4 A Electrical resistance constant wire 57 O/km @ 20 °C Electrical resistance coating wire (Data) 26 O/km @ 20 °C Contract Industry (withstand voltage (wire - jacker) 2 kV @ 60 s Power frequency withstand voltage (wire - jacker) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -5 °C Operating temperature min. (dynamic) -5 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) -5 °C Operating radius (installation) 80 °C Elam resistance IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing	Diameter of single wires (Data)	0,15 mm
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Max. rated voltage (conductor - oroductor) 300 V Max. rated voltage (conductor - ground) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,2 A Current load capacity min. Wire (Data) 8,4 A Electrical resistance line constant wire 57 D/km @ 20 °C Electrical resistance line constant wire 2 kV @ 60 s Electrical resistance line constant wire 2 kV @ 60 s Electrical resistance line constant wire 2 kV @ 60 s Mow difficial 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 (itxed) 80 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C Flame resistance Good, application-related testing Conscison resistance Good, application-related testing Oli resistance DIN EN 60811-404 [Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (installation) 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 NDE 0298-4 Current load capacity min. Wire (Data) 8.4 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Data) 26 Ω/km @ 20 °C Calcin desistance coating wire (Data) 26 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 Max. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C Plame resistance [EC 60332-22 UL 1581 § 1909 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gascline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 7,5 × Outer diameter Bending radius (fixed) 7,5 × Outer diameter Bending radius (fixed)	Wire conductor type (Data)	strand class 6
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4.2 A Current load capacity min. Wire (Data) 8,4 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Data) 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - included) 2 kV @ 60 s Min. operating temperature (static) 40 °C Max. operating temperature (fixed) 80 °C Operating temperature (incl. (dynamic) 5 °C Operating temperature max. (dynamic) 80 °C Flame resistance IEC 60332-2-2 UL 1581 § 1999 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gold application related testing Oli resistance Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (fixed) 7,5 x Outer diameter Bending radius (fixed) 7,5 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form	Max. rated voltage (conductor - conductor)	300 V
Current load capacity min. wire 4,2 A Current load capacity min. Wire (Data) 8,4 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Data) 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - lacket) 40 °C Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature (ixed) 80 °C Operating temperature (ixed) 80 °C Operating temperature (ixed) 80 °C Flame resistance IEC 60332-2·2 UL 1581 § 1090 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oll resistance DIN EN 68911-404 Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (glytamic) 7,5 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 6 Famil	Max. rated voltage (conductor - ground)	300 V
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Electrical resistance line constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Data) 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) 40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) 5 °C Operating temperature max. (dynamic) 80 °C Flame resistance IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oll resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) x. outer diameter Bending radius (fixed) 7.5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 </td <td>Current load capacity min. wire</td> <td>4,2 A</td>	Current load capacity min. wire	4,2 A
Electrical resistance coating wire (Data) 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) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C Flame resistance IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (fixed) 7,5 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 6 Family construction form M8 Gender female Color contact carrier black Coding A </td <td>Current load capacity min. Wire (Data)</td> <td>8,4 A</td>	Current load capacity min. Wire (Data)	8,4 A
AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s Max. operating temperature (static) 40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C Flame resistance IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Bending radius (opnamic) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 6 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Electrical resistance line constant wire	57 Ω/km @ 20 °C
Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s Max. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C Flame resistance IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form Family construction form free cable end No. of poles 6 Family construction form M8 Gender female Coloring A No. of poles 3 PiN 1 + PiN 3 -	Electrical resistance coating wire (Data)	26 Ω/km @ 20 °C
A0 °C	AC withstand voltage (wire - wire)	2 kV @ 60 s
Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Oil resistance Bending radius (installation) x Outer diameter Bending radius (fixed) 7,5 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 6 Family construction form M8 Gender female Coolor contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C Flame resistance IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Min. operating temperature (static)	-40 °C
Operating temperature max. (dynamic) 80 °C Flame resistance IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (fixed) 7,5 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 6 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Max. operating temperature (fixed)	80 °C
Flame resistance IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 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 6 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Operating temperature min. (dynamic)	-5 ℃
chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 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 6 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Operating temperature max. (dynamic)	80 °C
Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (fixed) 7,5 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 6 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Flame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (fixed) 7,5 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 6 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	chemical resistance	Good, application-related testing
Bending radius (installation) x Outer diameter Bending radius (fixed) 7,5 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 6 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Gasoline resistance	Good, application-related testing
Bending radius (fixed) 7,5 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 6 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (dynamic) Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 6 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 10 x Outer diameter 10 x Outer diamet	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 6 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Bending radius (fixed)	7,5 x Outer diameter
Connection type 2 Family construction form free cable end No. of poles 6 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Bending radius (dynamic)	10 x Outer diameter
Family construction form free cable end No. of poles 6 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Travel speed (C-track)	5 Mio. @ 25 °C
No. of poles 6 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Connection type 2	
Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Family construction form	free cable end
Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	No. of poles	6
Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Family construction form	M8
Coding A No. of poles 3 PIN 1 + PIN 3 -	Gender	female
No. of poles 3 PIN 1 + PIN 3 -	Color contact carrier	black
PIN 1 + PIN 3 -	Coding	A
PIN 3 -	No. of poles	3
	PIN 1	+
PIN 4 S	PIN 3	-
	PIN 4	S