

## EXACT8, 8XM8, 4 POLE PLUG. CAP, SPRING-TERM.

15.0m PUR 16x0,34+2x0,75, UL/CSA

8-way, 4-pole 15.0 m

Further cable lengths on request.

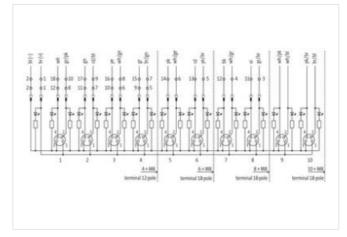
Plastic housings with good resistance against chemicals and oils.

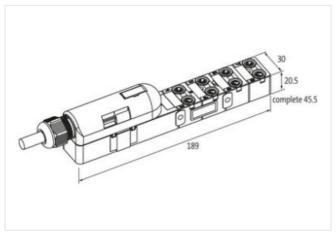
The resistance to aggressive media should be individually tested for your application. Further details on request.

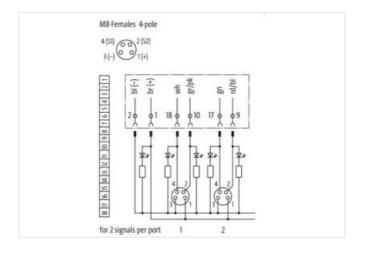
## **Link to Product**

## 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: 2024-06-02



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ECLASS-11.1 27440108  CLASS-12.0 27440108  CLASS-12.0 27440108  EDMAND		
ECLAS 12.0	ECLASS-10.1	2 22
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STIN		
Packaging unit   1   1		
Operating voltage DC         24 V           Current operating per contact max.         2 A           Collect current max.         8 A           Industrial communication         Industrial communication           Number of signals per port         2           Installation   Connection         Industrial communication           Mounting set         M8 x 1           Device protection   Electrical         Device protection   Floor           Degree of protection   Media         Servewed, mounted           Flame resistance         flame retardant           Mechanical data   Munting data         Makerial flouring           Mechanical data   Munting data         Schraubgewinde           Mechanical condition temperature min.         20 °C           Operating temperature min.         20 °C           Operating temperature max.         80 °C           Additional condition temperature max.         80 °C           Standing (stope 2)         12 wice servand Stranding on		1
Current operating per contact max.	Electrical data   Supply	
Total current max. 8 A  Industrial communication  Nounting set M8 x 1  Device protection   Electrical  Begree of protection (ENEC 66829)   P67  Additional condition protection degree served, mounted  Device protection   Medical  Flame resistance flame retardant  Mechanical data   Material data  Material housing Plastic  Mechanical data   Mounting data  Mounting method Schraubgewinde  Environmental characteristics   Climatic  Deparating temperature min. 20 °C  Operating temperature max. 80 °C  Additional condition temperature range depending on cable quality  Installation   Cable  Label dentification   396  Labels (Color grey  Type of Certificate CUPaus, CSA  Amount stranding 1  Stranding (type 2) 1  Stranding (type 2	Operating voltage DC	24 V
Industrial communication Number of signals per port 2 Installation   Connection Mourning set   M8 x 1  Device protection   Electrical  Degree of protection   Electrical  Degree of protection   File   Electrical  Degree of protection   Market   Electrical  Device protection   Market   Electrical  Machanical   Material data  Machanical data   Material data  Material housing   Plastic  Machanical data   Material data  Material housing   Plastic  Machanical data   Material data  Machanical data   Material data  Material pounting method   Schraubgewinde  Environmental characteristics   Climatic  Deparating temperature min.   -20 °C  Operating temperature max.   80 °C  Additional condition temperature range   depending on cable quality    Installation   Cable  Cable identification   396  Jacket Color   gray  Type of Certificate   Uflus, CSA    Amount stranding (type 2)   1	Current operating per contact max.	
Installation   Connection	Total current max.	8 A
Installation   Connection  Mounting set M8 x 1  Device protection   Electrical  Degree of protection   Electrical  Degree of protection   Electrical  Device protection   Media  Flame resistance flame retardant  Mechanical data   Material data  Mechanical data   Mounting data  Mounting method Schraubgewinde  Environmental characteristics   Climatic  Degrating temperature min. 28 °C  Deparating temperature max. 80 °C  Additional condition temperature reape depending on cable quality  Installation   Cable  Stance   Color   gray  Type of Certificate UPNe. CSA  Amount stranding   1  Stranding (type 2) 12 wires around Stranding combination twisted  Banding   Flesce  Filler   yes  wire arrangement   gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-greeton mingredients (glack)   13 ym  Material gabet   133 ym  Material gabet   133 ym  Material gabet   134 ym  Material gabet   143 ym  Material gabet   144 ym  Material gabet   145 ym	Industrial communication	
Mounting set         M8 x 1           Device protection   Electrical         IP67           Degree of protection (EN IEC 60529)         IP67           Additional condition protection degree         screwed, mounted           Device protection   Media           Flame resistance         flame retardant           Mechanical data   Material data         Mechanical data   Mounting data           Mechanical data   Mounting data         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           Installation   Cable         Serial Control of the contr	Number of signals per port	2
Device protection   Electrical  Degree of protection (EN IEC 60529) IP67  Additional condition protection degree screwed, mounted  Device protection   Media  Flaimar 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  Installation   Cable  Cable identification   396  Jacket Color gray  Type of Certificate (URS), CSA  Amount stranding (type 2) 1  Meterial processing from the screwing array (type of certificate yellow, lyelow-white, red, pink, gray, yellow, green, white)  Cable weight 143 g/m  Material jacket New 143 g/m  Material jacket New 145 g/m  Material jacket New 145 g/m  Material wire insulation TPE-E  Amount wires color insulation TPE-E  Amount wires diameter (jacket) 1,5 mm  Duter diameter insulation TPE-E  Amount wires color insulation 1,5 mm  Duter diameter insulation 1,5 mm  Duter diameter rolerance core insulation 2,5 %	Installation   Connection	
Device protection   Electrical  Degree of protection (EN IEC 60529) IP67  Additional condition protection degree screwed, mounted  Device protection   Media  Flaimar 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  Installation   Cable  Cable identification   396  Jacket Color gray  Type of Certificate (URS), CSA  Amount stranding (type 2) 1  Meterial processing from the screwing array (type of certificate yellow, lyelow-white, red, pink, gray, yellow, green, white)  Cable weight 143 g/m  Material jacket New 143 g/m  Material jacket New 145 g/m  Material jacket New 145 g/m  Material wire insulation TPE-E  Amount wires color insulation TPE-E  Amount wires diameter (jacket) 1,5 mm  Duter diameter insulation TPE-E  Amount wires color insulation 1,5 mm  Duter diameter insulation 1,5 mm  Duter diameter rolerance core insulation 2,5 %		M8 x 1
Degree of protection (EN IEC 60529) IP67 Additional condition protection degree screwed, mounted  Device protection   Media		
Additional condition protection degree screwed, mounted  Perice protection   Media Flame resistance flame retardant  Mechanical data   Material data Meterial 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  Installation   Cable  Cable identification 396  Jacket Color gray  Type of Certificate cURus, CSA  Amount stranding 1 1  Stranding (type 2) 1  Stranding (type 2) 1  Stranding (type 2) 1  Stranding Piecce  Filler yes  Airier arrangement gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-green, white)  Material jacket 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) 1,5 mm  Outer diameter (jacket) 1,5 mm  Outer diameter tolerance core insulation 1,5 mm  Outer diameter tolerance core insulation 2,5 %		
Perice protection   Media   Flame resistance   flame retardant   Mechanical data   Material data   Material housing   Plastic   Mechanical data   Mounting data   Mechanical dat		
Mechanical data   Material dota  Methanical data   Material dota  Mechanical data   Mounting data  Mounting method Schraubgewinde  Environmental characteristics   Climatic  Deperating temperature min. 20 °C  Operating temperature max. 80 °C  Additional condition temperature range depending on cable quality  Installation   Cable  Jacket Color gray  Type of Certificate cURus, CSA  Amount stranding 1  Stranding (type 2) 1  Stranding (type 2) 1  Stranding (type 2) 1  Stranding (type 2) 1  Stranding Fleece  Filler yes  wire arrangement gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow, writer, red, pink, gray, yellow, green, white)  Cable weight 143 g/m  Material jacket PUR  Shore hardness jacket 89 ± 5 Shore A  Freedom from ingredients (jacket) 10,4 mm  Tolerance outer diameter (sheath) ± 5 %  Meterial wire diameter (sheath) 1,5 mm  Outer diameter insulation 1,5 mm  Outer diameter rolerance core insulation ±5 %	· · ·	screwed, mounted
Mechanical data   Material data  Material housing Plastic  Mechanical data   Mounting data  Mounting method Schraubgewinde  Environmental characteristics   Climatic  Deperating temperature min.  Operating temperature max.  Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification 396  Jacket Color gray  Type of Certificate cURus, CSA  Amount stranding 1  Stranding 6 wires around Core filler twisted  Amount stranding (type 2) 1  Stranding (type 3) 1  Stranding (type 4) 1  Stranding (type 5) 1  Stranding (type 6) 1  Stranding (type 6) 1  Stranding (type 7) 1  Stranding (type 8) 1  Stranding (type 9) 1	Device protection   Media	
Meterial housing Plastic  Mechanical data   Mounting data  Mounting method Schraubgewinde  Environmental characteristics   Climatic  Deperating temperature min20 °C  Operating temperature max. 80 °C  Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification 396  Jacket Color gray  Type of Certificate cURus, CSA  Amount stranding 1  Stranding 6 wires around Core filler twisted  Amount stranding (type 2) 1  Stranding (type 2) 12 wires around Stranding combination twisted  Banding Fleece  Filler yes  wire arrangement gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white)  Cable weigh 143 g/m  Material jacket PUR  Shore hardness jacket 89 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free  Duter-diameter (jacket) 10.4 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation TPE-E  Muture diameter insulation 1,5 mm  Duter diameter tolerance core insulation ± 5 %	Flame resistance	flame retardant
Mounting method Schraubgewinde  Environmental characteristics   Climatic  Operating temperature min. Operating temperature max. 80 °C Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification Jacket Color Gray  Type of Certificate CURus, CSA Amount stranding 1 Stranding (type 2) 12 wires around Core filler twisted Amount stranding Fiecce Filler  yes  Amount stranding Fiecce Filler  yes  Array, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-gray, gray, yellow, yellow-white, red, pink, gray, yellow, green, white)  Cable weigth  143 g/m  Material jacket PUR  Shore hardness jacket Freedom from ingredients (jacket) 10.4 mm  Tolerance outer diameter (sheath) 25 %  Material wire insulation 15 mm  Duter diameter insulation 1,5 mm  Duter diameter insulation 25 Schraubgewinde  25 %	Mechanical data   Material data	
Mounting method Schraubgewinde  Environmental characteristics   Climatic  Operating temperature min20 °C  Operating temperature max. 80 °C  Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification 396  Jacket Color gray  Type of Certificate CURus, CSA  Amount stranding 1  Stranding 6 wires around Core filler twisted  Amount stranding (type 2) 1 2 wires around Stranding combination twisted  Banding Fleece Filler yes  wire arrangement Cable weigth 143 g/m  Material jacket PUR  Shore hardness jacket PUR  Freedom from ingredients (jacket) 10,4 mm  Tolerance outer diameter (sheath) 25 %  Material wire insulation 15 mm  Duter diameter insulation 1,5 mm  Duter diameter insulation 1,5 mm  Duter diameter tolerance core insulation 2 depending on cable Quality 20 °C  Cable Quality 40 °C  Cable	Material housing	Plastic
Mounting method Schraubgewinde  Environmental characteristics   Climatic  Operating temperature min20 °C  Operating temperature max. 80 °C  Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification 396  Jacket Color gray  Type of Certificate CURus, CSA  Amount stranding 1  Stranding 6 wires around Core filler twisted  Amount stranding (type 2) 1 2 wires around Stranding combination twisted  Banding Fleece Filler yes  wire arrangement Cable weigth 143 g/m  Material jacket PUR  Shore hardness jacket PUR  Freedom from ingredients (jacket) 10,4 mm  Tolerance outer diameter (sheath) 25 %  Material wire insulation 15 mm  Duter diameter insulation 1,5 mm  Duter diameter insulation 1,5 mm  Duter diameter tolerance core insulation 2 depending on cable Quality 20 °C  Cable Quality 40 °C  Cable	Mechanical data   Mounting data	
Environmental characteristics   Climatic  Operating temperature min.  -20 °C  Operating temperature max.  80 °C  Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification  396  Jacket Color gray  Type of Certificate cURus, CSA  Amount stranding  6 wires around Core filler twisted  Amount stranding (type 2)  1 2 wires around Stranding combination twisted  Banding  Fleece  Filler  yes  wire arrangement  gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-green, white)  Cable weighh  143 g/m  Material jacket  PUR  Shore hardness jacket  89 ± 5 Shore A  Meterial wire insulation  TPE-E  Amount wires  Outer diameter (jacket)  1,5 mm  Duter diameter insulation  1,5 mm  Duter diameter lolerance core insulation  ± 5 %  Duter diameter insulation  1,5 mm  Duter diameter lolerance core insulation  ± 5 %  Duter diameter insulation  1,5 mm  Duter diameter insulation  ± 5 %		Schrauhgewinde
Operating temperature min.  -20 °C Operating temperature max.  80 °C Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification  396 Jacket Color  gray  Type of Certificate  Amount stranding  6 wires around Core filler twisted  Amount stranding (type 2)  1 Stranding  Fleece Filler  yes  wire arrangement  Gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white)  Cable weighh  143 g/m  Material jacket  PUR  Shore hardness jacket  Freedom from ingredients (jacket)  10.4 mm  Tolerance outer diameter (sheath)  ± 5 %  Material wire insulation  TPE-E  Amount wires  1.5 mm  Duter diameter tolerance core insulation  1,5 mm  Duter diameter tolerance core insulation  ± 5 %  Duter diameter tolerance core insulation  1,5 mm  Duter diameter tolerance core insulation  200 Cable dealing type 2 (administration)  \$\frac{1}{2}\$\$  \$\frac		ContablyContable
Operating temperature max. 80 °C Additional condition temperature range depending on cable quality  Installation   Cable Cable identification 396 Jacket Color gray Type of Certificate cURus, CSA Amount stranding 1 Stranding 6 wires around Core filler twisted Amount stranding (type 2) 12 wires around Stranding combination twisted Banding Fleece Filler yes wire arrangement gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white) Cable weigth 143 g/m Material jacket PUR Shore hardness jacket 89 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, LABS-free Outer-diameter (jacket) 10,4 mm TPE-E Amount wires 16 Outer diameter insulation TPE-E Amount wires 15 %		
Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification 396  Jacket Color gray  Type of Certificate cURus, CSA  Amount stranding 1  Stranding 6 wires around Core filler twisted  Amount stranding (type 2) 12 wires around Stranding combination twisted  Banding Fleece  Filler yes  wire arrangement gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white)  Cable weigth 143 g/m  Material jacket 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) 10,4 mm  Tolerance outer diameter (sheath) ± 5 %  Amount wires 16  Outer diameter insulation 1,5 mm  Outer diameter tolerance core insulation ± 5 %		
Installation   Cable   Cable identification   396   Jacket Color   gray   Type of Certificate   cURus, CSA   Amount stranding   1   Stranding   6 wires around Core filler twisted   Amount stranding (type 2)   1   Stranding (type 2)   12 wires around Stranding combination twisted   Banding   Fleece   Filler   yes   wire arrangement   gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white)   Cable weigth   143 g/m   Material jacket   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)   10,4 mm   Tolerance outer diameter (sheath)   ± 5 %   Material wire insulation   TPE-E   Amount wires   16   Outer diameter insulation   1,5 mm   Outer diameter tolerance core insulation   ± 5 %	· · ·	
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Stranding 6 wires around Core filler twisted  Amount stranding (type 2) 1  Stranding (type 2) 12 wires around Stranding combination twisted  Banding Fleece  Filler yes  wire arrangement gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white)  Cable weigth 143 g/m  Material jacket 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) 10,4 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation TPE-E  Amount wires 16  Outer diameter insulation 1,5 mm  Outer diameter tolerance core insulation ± 5 %	Type of Certificate	· · · · · · · · · · · · · · · · · · ·
Amount stranding (type 2)  1		
Stranding (type 2)  12 wires around Stranding combination twisted  Fleece  Filler  yes  gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white)  Cable weigth  143 g/m  Material jacket  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)  10,4 mm  Tolerance outer diameter (sheath)  ± 5 %  Material wire insulation  TPE-E  Amount wires  16  Outer diameter insulation  1,5 mm  Outer diameter tolerance core insulation  ± 5 %	Stranding	
Fleece Filler yes wire arrangement gray-pink, red-blue, green-white, brown-green, black, violet, (brown, blue, brown-gray, gray-white, brown-yellow, yellow-white, red, pink, gray, yellow, green, white) Cable weigth 143 g/m Material jacket 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) 10,4 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation TPE-E Amount wires 16 Outer diameter insulation 1,5 mm Outer diameter tolerance core insulation ± 5 %		
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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) 10,4 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation TPE-E  Amount wires 16  Outer diameter insulation 1,5 mm  Outer diameter tolerance core insulation ± 5 %	Cable weigth	
Freedom from ingredients (jacket)  Duter-diameter (jacket)  10,4 mm  Tolerance outer diameter (sheath)  ± 5 %  Material wire insulation  TPE-E  Amount wires  16  Outer diameter insulation  1,5 mm  Outer diameter tolerance core insulation  ± 5 %	Material jacket	
Outer-diameter (jacket)         10,4 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         TPE-E           Amount wires         16           Outer diameter insulation         1,5 mm           Outer diameter tolerance core insulation         ± 5 %	Shore hardness jacket	
Tolerance outer diameter (sheath) ± 5 %  Material wire insulation TPE-E  Amount wires 16  Outer diameter insulation 1,5 mm  Outer diameter tolerance core insulation ± 5 %	Freedom from ingredients (jacket)	
Material wire insulation TPE-E Amount wires 16 Outer diameter insulation 1,5 mm Outer diameter tolerance core insulation ± 5 %		
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Outer diameter insulation 1,5 mm Outer diameter tolerance core insulation ± 5 %	Material wire insulation	
Outer diameter tolerance core insulation ± 5 %	Amount wires	
	Outer diameter insulation	
Shore hardness wire insulation 55 ± 5 Shore D	Outer diameter tolerance core insulation	
	Shore hardness wire insulation	55 ± 5 Snore D



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Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Material wire insulation (Data)	TPE-E
Outer diameter wire insulation (Data)	1,8 mm
Tolerance outer diameter wire insulation (data)	±5%
Shore hardness wire insulation (Data)	55 ± 5 Shore D
Ingredient freeness wire insulation (Data)	lead-free, cadmium-free, CFC-free, halogen-free
Amount wires (Data)	2
Amount strands wire (Data)	42
Diameter of single wires (Data)	0,15 mm
Conductor crosssection wire (Data)	0,75 mm <sup>2</sup>
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 A
Current load capacity min. Wire (Data)	12 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 -	
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	UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2
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)	7,5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Travel speed (C-track)	2 m/s @ 25 °C
Connection type 2	
Family construction form	free cable end
No. of poles	10
Family construction form	M8
Gender	female
Color contact carrier	black
Coding	A
No. of poles	4
PIN 1	+
PIN 2	\$2
PIN 3	-
PIN 4	S1