

EXACT8, 10XM8, 3POLE, MOULDED CABLE

5.0m PUR 10x0,34+2x0,75

10-way, 3-pole for NPN signals 24 V DC Further cable lengths on request.

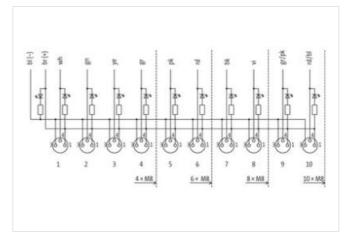
Plastic housings with good resistance against chemicals and oils.

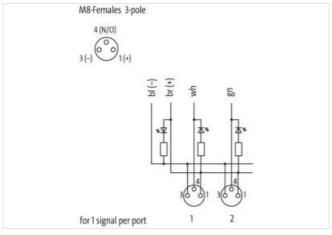
The resistance to aggressive media should be individually tested for your application. Further details on request.

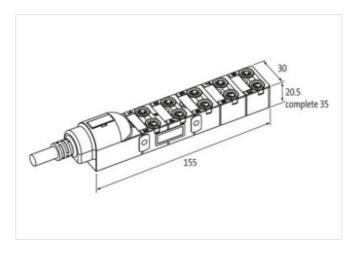
Link to Product

Illustration









Product may differ from Image









Commercial data		
ECLASS-6.0	27279219	
ECLASS-6.1	27279219	
ECLASS-7.0	27279219	
ECLASS-8.0	27279219	

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: 2024-05-08



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ECLASS-9.0	27440108
ECLASS-10.1	27440108
ECLASS-11.1	27440108
ECLASS-12.0	27440108
ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879056922
Packaging unit	1
Electrical data Supply	
Operating voltage DC	24 V
Current operating per contact max.	2 A
Total current max.	8 A
Industrial communication	
Number of signals per port	1
Installation Connection	
Mounting set	M8 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
	i iasiic
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	384
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	9 wires around Stranding combination twisted
	5 Wiles around Strainaing Combination (Wister
Banding	Fleece
Banding wire arrangement Cable weigth	Fleece red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink) 121 g/m
Banding wire arrangement Cable weigth Material jacket	Fleece red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink) 121 g/m PUR
Banding wire arrangement Cable weigth Material jacket Shore hardness jacket	Fleece red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink) 121 g/m PUR 89 ± 5 Shore A
Banding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	Fleece red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink) 121 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Banding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	Fleece red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink) 121 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 9,3 mm
Banding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	Fleece red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink) 121 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 9,3 mm ± 5 %
Banding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	Fleece red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink) 121 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 9,3 mm ± 5 % TPE-E
Banding 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	Fleece red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink) 121 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 9,3 mm ± 5 % TPE-E
Banding 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	Fleece red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink) 121 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 9,3 mm ± 5 % TPE-E 10 1,4 mm
Banding 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	Fleece red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink) 121 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 9,3 mm ± 5 % TPE-E 10 1,4 mm ± 5 %
Banding 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	Fleece red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink) 121 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 9,3 mm ± 5 % TPE-E 10 1,4 mm ± 5 % 55 ± 5 Shore D
Banding 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	Fleece red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink) 121 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 9,3 mm ± 5 % TPE-E 10 1,4 mm ± 5 %

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Traversing distance (C-track) 5 m @ 25 °C horizontal Walarrial conductor wire Stranded copper wire, bare Conductor type (wire) Stranded copper wire, bare Walarrial wire insulation (Data) TPF-E Outre dimenter wire insulation (Data) 2.5 % Store hardness wire insulation (Data) 2.5 % Store bardness wire insulation (Data) 2.5 % Store bardness wire insulation (Data) 2.6 ± 5 Shore D Image dent finenses wire insulation (Data) 2.2 Amount wire (Data) 2.4 Diameter of single wires (Data) 0.2 mm Conductor crosssection wire (Data) 0.75 mm² Wire conductor by (Data) Strand class 5 Wire conductor by (Data) Strand class 5 Wire conductor by (Data) 300 V Max. rated voltage (conductor - ground) 300 V Current load capacity min. wire 4.A Qurrent load capacity min. wire 4.A Current load capacity min. wire 4.A Current load capacity min. wire 5 for Since @ 20 °C Electrical resistance in exconstar wire 5 for Since @ 20 °C <t< th=""><th>Diameter of single wires</th><th>0,15 mm</th></t<>	Diameter of single wires	0,15 mm
Maerial conductor wire	Conductor crosssection (wire)	0,34 mm²
The Conductor type (wire)	Traversing distance (C-track)	5 m @ 25 °C horizontal
Material wire insulation (Data) TPE-E	Material conductor wire	Stranded copper wire, bare
Outer diameter wire insulation (Data) 1,8 mm Tolerance outer diameter wire insulation (data) 5 % Thore hardness wire insulation (Data) 5 ± 5 Shore D Ingredient freeness wire insulation (Data) 2 Amount wires (Data) 24 Diameter of single wires (Data) 0,2 mm Conductor crosssection wire (Data) 0,75 mm² Material conductor wire (Data) 5 Franded copper wire, bare Wire conductor type (Data) 5 Franded capper wire, bare Wire conductor type (Data) 5 Franded capper wire, bare Wire conductor yer (Data) 500 V Max. rated voltage (conductor - conductor) 300 V Current load capacity min. wire 4 A Current load capacity min. wire 4 A Current load capacity min. wire (Data) 12 A Electrical resistance osaling wire (Data) 26 Cham @ 20 °C Electrical resistance osaling wire (Data) 26 Cham @ 20 °C Electrical resistance osaling wire (Data) 26 Cham @ 20 °C Electrical resistance osaling wire (Data) 26 Cham @ 20 °C Electrical resistance osaling wire (Data) 26 Cham @ 20 °C Collega	Conductor type (wire)	Strand class 5
Tolerance outer diameter wire insulation (data) ± 5 % 55 ± 5 Shore D Shore hardness wire insulation (Data) (projection freeness wire insulation (Data) 55 ± 5 Shore D Amount wires (Data) 2 Amount strands wire (Data) 24 Diameter of single wires (Data) 0.2 mm Conductor crosssection wire (Data) 0.75 mm² Material conductor wire (Data) Strand class 5 Wire conductor type (Data) Strand class 5 Max. rated voltage (conductor - ground) 300 V Max. rated voltage (conductor - ground) 300 V Current load capacity (standard) 10 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 Qkm @ 20 °C Electrical resistance (line constant wire 26 Qkm @ 20 °C 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 Doparating temperature (fixed) 80 °C Operating temperature min. (dynamic) 5 °C	Material wire insulation (Data)	TPE-E
Shore hardness wire insulation (Data) 55 ± 5 Shore D lead-free, cadmium-free, CPC-free, halogen-free	Outer diameter wire insulation (Data)	1,8 mm
Ingredient freeness wire insulation (Data) Amount wires (Data) 2 Amount wires (Data) 2 Diameter of single wires (Data) 0,2 mm Ornductor crosssection wire (Data) 0,75 mm² Makerial conductor wire (Data) Mire conductor byte (Data) Mire Current load capacity mire Mire (Data) Liectrical resistance line constant wire 57 Ω/km @ 20 °C 26 Ω/km @ 2	Tolerance outer diameter wire insulation (data	a) ±5%
Amount wires (Data) 2 Amount strands wire (Data) 24 Amount strands wire (Data) 24 Amount strands wire (Data) 0,2 mm Conductor crosssection wire (Data) 0,75 mm² Malerial conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) Strand class 5 Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - ground) 300 V Current load capacity (standard) to DIN VDE 0288-4 Current load capacity min. wire 4 A Current load capacity min. wire 4 A Current load capacity min. wire 4 A Current load capacity win. wire (Data) 12 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Data) 25 R/k @ 60 s Power frequency withstand voltage (wire - wire) 2 kW @ 60 s Willin. operating temperature (Satc) 80 °C Operating temperature min. (dynamic) 5° °C Operating temperature min. (dynamic) 80 °C Coperating temperature min. (dynamic) 7.5 °C Bending radius (fixed) 9.7.5 × Outer diameter Bending radius (fixed) 7.5 × Outer diameter Bending radius (fixed) 7.5 × Outer diameter Fararily construction form free cable end M8 Gender female Codors contact carrier black Coding A No. of poles 12 Family construction form M8 Gender female Coding A No. of poles 3 PiN1 1 + + PiN1 3	Shore hardness wire insulation (Data)	55 ± 5 Shore D
Amount strands wire (Data) 24 Diameter of single wires (Data) 0.2 mm Conductor crosssection wire (Data) 0,75 mm² Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) Strand class 5 Max. rated voilage (conductor - conductor) 300 V Gurrent 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 load constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Data) 2 kW @ 60 s Power frequency withstand voilage (wire - wire) 2 kW @ 60 s Power frequency withstand voilage (wire - acket) 80 °C Power frequency withstand voilage (wire - wire) 80 °C Poperating temperature min. (dynamic) 5- °C Operating temperature max. (dynamic) 80 °C Flame resistance (Good, application-related testing Good, application-related testing Collection resistance Good, application-related testing Collection gradius (fixed) x Quiter diameter Bending radius (fixed) 7,5 x Outer diameter Frailly construction form M8 Gender female Coding A No. of poles 3 Filh 1 + Filh 1	Ingredient freeness wire insulation (Data)	lead-free, cadmium-free, CFC-free, halogen-free
Diameter of single wires (Data) 0,2 mm Conductor crosssection wire (Data) 0,75 mm² Marcinal 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 type (Data) Strand class 5 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 Ωkm @ 20 °C Electrical resistance coating wire (Data) 26 Ω/km @ 20 °C Electrical resistance coating wire (Data) 26 Ω/km @ 20 °C Electrical resistance vinits and voltage (wire - wire) 2kV @ 60 s Power frequency withstand voltage (wire - wire) 2kV @ 60 s Power frequency withstand voltage (wire - wire) 80 °C Operating temperature (lixed) 80 °C Flame resistance Electrical resistance (Good, application-related testing Gasoline resistance (Good, application-related testing Gasoline resistance (Good, application-related testing Gasoline resistance (Good, application-related testing Elending radius (finstallation) x Outer diameter Electrical resistance DIN EN 60811-404 (Good, application-related testing Gasoline resistance (First	Amount wires (Data)	2
Conductor crosssection wire (Data) 0,75 mm² Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) Stranded capper wire, bare 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) 12 A Current load capacity min. Wire (Data) 12 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Electrical resistance coaling 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 Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature max. (dynamic) 5° C Operating temperature max. (dynamic) 80 °C Operating temperature max. (dynamic) 5° C Oir esistance <td>Amount strands wire (Data)</td> <td>24</td>	Amount strands wire (Data)	24
Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) Strand class 5 Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - ground) 300 V Current load capacity (standard) to DIN INDE 0298-4 Current load capacity min. Wire (Data) 12 A Current load capacity min. Wire (Data) 12 A Electrical resistance coating wire (Data) 26 Ωkm @ 20 °C Electrical resistance coating wire (Data) 26 Ωkm @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire- active) 2 kV @ 60 s Max. operating temperature (istatic) 40 °C Max. operating temperature min. (dynamic) -5 °C Direction resistance IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2	Diameter of single wires (Data)	0,2 mm
Wire conductor type (Data) Strand class 5 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) 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 - acket) 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 Piame resistance Good, application-related testing Gasoline 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 (fixed) 7,5 x Outer diameter	Conductor crosssection wire (Data)	0,75 mm²
Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - ground) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. Wire (Data) 12 A Electrical resistance line constant wire 57 0/km @ 20 °C Electrical resistance lone constant wire 2 kV @ 60 s Electrical resistance line constant wire 2 kV @ 60 s AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - acket) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) -5 °C Operating resistance Good, application-related testing Casoline resistance Good, application-related testing Directing radius (installation) x Outer diameter Bending radius (installation) x Outer diameter Bending radius (dynamic) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Family construction form free cable end <	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) 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 - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - sacket) 40 °C Max. operating temperature (static) -40 °C Max. operating temperature min. (dynamic) -5 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C Chemical resistance [EC 60332-2-2 UL 1581 § 190 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Cil 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 Family construction form free cable end No. of poles 12	Wire conductor type (Data)	Strand class 5
Current load capacity (standard) Current load capacity min. wire 4 A Current load capacity min. Wire (Data) 12 A Electrical resistance line constant wire Electrical resistance coating wire (Data) 2 kV @ 60 s 2 kV @ 60 s Ac withstand voltage (wire - wire) 2 kV @ 60 s 2 kV @ 60 s Win. operating temperature (static) 40 °C Max. operating temperature (fixed) Doperating temperature min. (dynamic) Poperating temperature min. (dynamic) 30 °C Operating temperature min. (dynamic) Bo °C Operating temperature min. (dynamic) DIN EN 60811-404 [Good, application-related testing DIN EN 6081-405 [Good, application-related te	Max. rated voltage (conductor - conductor)	300 V
Current load capacity min. wire	Max. rated voltage (conductor - ground)	300 V
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 - akackst) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) 30 °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 (gynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 12 Family construction form M8 <td>Current load capacity (standard)</td> <td>to DIN VDE 0298-4</td>	Current load capacity (standard)	to DIN VDE 0298-4
Electrical resistance line constant wire 57 Ω/km @ 20 °C	Current load capacity min. wire	4 A
Electrical resistance coating wire (Data) 26 Q/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s 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 [EC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 chamical resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Dil resistance Dil resistance Dil versidance Di	Current load capacity min. Wire (Data)	12 A
AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - acket) 2 kV @ 60 s 2 kV @ 60 s 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 Oll Resistance DIN EN 60811-404 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 12 Family construction form M8 Gender lemale Color contact carrier black Cooding A No. of poles 3 PIN 1 + PIN 3 -	Electrical resistance line constant wire	57 Ω/km @ 20 °C
Power frequency withstand voltage (wire - lacket) Min. operating temperature (static) Min. operating temperature (fixed) 80 °C 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 Dil resistance Dil N 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 12 Family construction form M8 Gender female Color contact carrier Cooling A No. of poles 3 PIN 1 + PIN 3	Electrical resistance coating wire (Data)	26 Ω/km @ 20 °C
Jacket) 2 N @ 00 S Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature min. (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 12 Family construction form M8 Gender female Color contact carrier black Cooling A No. of poles 3 PIN 1 + PIN 3	AC withstand voltage (wire - wire)	2 kV @ 60 s
Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature female Operating temperature female Operating temperature female Operating temperature field testing Operating temperature field testing Operating temperature field testing Operating temperature female Operating temperature field testing Operating testing field testing Operating	Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Operating temperature min. (dynamic) Operating temperature max. (dynamic) So °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) So Outer diameter Bending radius (fixed) Travel speed (C-track) Travel speed (C-track) Connection type 2 Family construction form free cable end No. of poles Family construction form M8 Gender Gender Color contact carrier Color of poles A No. of poles 3 PIN 1 + PIN 3 - So Occ IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 CH2 158	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 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 12 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 12 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 °C
Connection type 2 Family construction form M8 Gender Geable end No. of poles Family construction form M8 Gender Gender Gender Gender Color contact carrier Color contact carrier Color of poles Pin 1 Pin 3 Pin 3 Good, application-related testing Good, application-related testing Bonding radius (installation) x Outer diameter 7,5 x Outer diameter 8,5 Mio. @ 25 °C Connection type 2 Family construction form 8,8 Redered fenale Color contact carrier Color option diameter 8,0 of poles 7,5 x Outer diameter 8,0 of poles 8,0 of poles 8,0 of poles 9,0 of poles 1,0 of	Operating temperature max. (dynamic)	80 °C
Gasoline resistance Good, application-related testing 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 12 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
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 12 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 12 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 12 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 - Outer diameter 7,5 x Outer diameter 8 No Uter diameter 10 x Outer di	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 12 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	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 12 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 12 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 12 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 12 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	12
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