

EXACT12, 8XM12, 4 POLE, MOULDED CABLE

25.0m PUR/PVC 8x0.34+3x0.75, UL/CSA

8-way, 4-pole PUR/PVC

Further cable lengths on request.

25.0 m

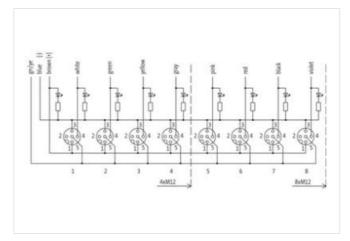
Plastic housings with good resistance against chemicals and oils.

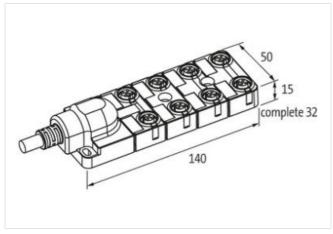
The resistance to aggressive media should be individually tested for your application. Further details on request.

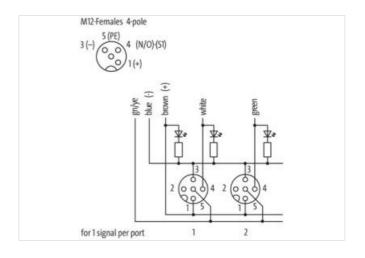
Link to Product

Illustration









Product may differ from Image









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



stay connected

ECLASS-0.0 27440108 ECLASS-1.1 27440108 ECLASS-11.1 27440108 ECLASS-12.0 27440108 ETM.5.0 ECOXSSS Customs tariff number 95444290 GTM 4048978283588 Fackaging unit 1 Electrical data Supply Coreating voltage DC 24 V Current operating per contact max. 4.A Installation Connection Mounting set M12 x 1 Device protection Electrical Device protection Electrical Device protection Electrical Device protection M612 x 1 Device protection M616 Filmon resistance Filmon resistance Device protection M616 Filmon resistance Device protection M616 Filmon resistance Filmon resistance Device protection M616 Device protection M616 Filmon resistance Device protection M616 Device		
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Outer diameter insulation 1,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D	STOOW style jacket Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket	Hybrid, Signal, Power gray cURus 1 2 wires with Filler twisted 1 9 wires around Stranding combination twisted yes white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow) 115,5 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 8,1 mm ± 5 % PVC
Outer diameter tolerance core insulation $\pm 5\%$ Shore hardness wire insulation 43 ± 5 Shore D	STOOW style jacket Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket)	Hybrid, Signal, Power gray cURus 1 2 wires with Filler twisted 1 9 wires around Stranding combination twisted yes white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow) 115,5 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 8,1 mm ± 5 % PVC gray
Shore hardness wire insulation 43 ± 5 Shore D	STOOW style jacket Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation	Hybrid, Signal, Power gray cURus 1 2 wires with Filler twisted 1 9 wires around Stranding combination twisted yes white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow) 115,5 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 8,1 mm ± 5 % PVC gray PVC
	STOOW style jacket Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation Amount wires	Hybrid, Signal, Power gray cURus 1 2 wires with Filler twisted 1 9 wires around Stranding combination twisted yes white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow) 115,5 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 8,1 mm ± 5 % PVC gray PVC
Material proportion using insulation and machine bills.	STOOW style jacket Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation Amount wires Outer diameter insulation	Hybrid, Signal, Power gray cURus 1 2 wires with Filler twisted 1 9 wires around Stranding combination twisted yes white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow) 115,5 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 8,1 mm ± 5 % PVC gray PVC 8 1,3 mm
Material properties wire insulation good machinability	STOOW style jacket Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation Amount wires Outer diameter tolerance core insulation	Hybrid, Signal, Power gray cURus 1 2 wires with Filler twisted 1 9 wires around Stranding combination twisted yes white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow) 115,5 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 8,1 mm ± 5 % PVC gray PVC 8 1,3 mm ± 5 %



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Trevening platance (C-znes) S. mg (25 °C)	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount attands (view) Diameter of single wires O, 15 mm Conductor pressection (view) Material conductor wire Conductor by every Stranded copport wire, have Stranded copport wire, have been been been been been been been be	Traversing distance (C-track)	5 m @ 25 °C
Conductor or cossection (wire) 0.34 mer ² Material conductor wire Stranded capper wire, bare Conclustor type legal (C-track) 3 Travel speed (C-track) 7 Outer damater wire insulation (Power) PVC Outer damater wire insulation (Power) 1,8 mm Toterance oxide disameter wire insulation (Power) 4,5 % Shore hardness wire insulation (Power) 45.5 % Borre hardness wire insulation (Power) 45.5 % Borre hardness wire insulation (Power) 45.5 % Material properties wire insulation (Power) 45.5 % Diameter of single wires (Power) 24 Diameter of single wires (Power) 2.7 mm² Material conductor wire (Power) 5 tranded capper wire, bare Max. rand voltage (conductor - conductor) 300 V Max. rand voltage (conductor - conductor) 300 V Max. rand voltage (conductor) 2.7 Mm @ 20 °C Electrical resistance in constant wire 57 Dirkm @ 20 °C Electrical resistance in constant wire 57 Dirkm @ 20 °C Electrical resistance in constant wire 57 Dirkm @ 20 °C Converting temperature (rankur		19
Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand dases 5 Travel speed (5-track) 3 Material wire insulation (Power) PVC User diameter wire insulation (Power) 4.5 % Shore hardness wire insulation (Power) 4.5 % Shore hardness wire insulation (Power) 4.5 % Material properties wire insulation (Power) 4.5 % Material properties wire insulation (Power) 2.4 % Banneter of single wire (Power) 0.2 mm Amount strands wire (Power) 2.4 Banneter of single wire (Power) 0.75 mm² Wire conductor areas section (Power) 0.75 mm² Water conductor wire (Power) Stranded copper wire, bare Max. read voltage (conductor - conductor) 300 V Max. read voltage (conductor - ground) 300 V Loop resistance 7.8 A Current load capacity (standard) 100 N DE 0298 4 Current load capacity (standard) 100 N DE 0298 4 Electrical resistance coating wire (Power) 2 fo New (20° °C AC withstand voltage (wire - wire) 2 fo New (20° °C <tr< td=""><td>Diameter of single wires</td><td>0,15 mm</td></tr<>	Diameter of single wires	0,15 mm
Conductor type (wire) Strend class 5 Travel speed (C-track) 3	Conductor crosssection (wire)	0,34 mm²
Travel speed (C+rask) 3 Material wire insulation (Power) 1,8 mm 70 70 70 70 70 70 70	Material conductor wire	Stranded copper wire, bare
Material wire insulation (Power) PVC 1.8 mm 1.8 m	Conductor type (wire)	Strand class 5
Material wire insulation (Power) PVC 1.8 mm 1.8 m	Travel speed (C-track)	3
Tolerance outer diameter wise insulation (Power) 1,8 mm 70 planance outer diameter wise insulation (Power) 45 % 84 S plone D 84 planances wire insulation (Power) 99 pod machimability 10 percent freeness wire insulation (Power) 10 percent freeness f		PVC
15 %		1,8 mm
Material properties wire insulation (Power) ingredient freeness wire insulation (Power) good machinability Amount Stands wire (Power) 24 Damater of single wires (Power) 0.2 mm Wire conductor cross section (Power) 0.75 mm² Material conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) Strand class 5 Max. rated voilage (conductor - conductor) 300 V Max. rated voilage (conductor - conductor) 300 V Lop resistance 7,8 A Current load capacity (standard) 10 DIN VDE 0298 4 Current load capacity min. wire 4 A Electrical resistance (ine constant wire) 57 Ω/mm @2 0° C Electrical resistance (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Min. operating temperature (static) 30 ° C Max. operating temperature (static) 30 ° C Poperating temperature (wire - wire) 2 kV @ 60 s Piamar operature (static) 30 ° C Operating temperature (wire - wire) 2 kV @ 60 s		±5 %
Ingredient freeness wire insulation (Power)	Shore hardness wire insulation (Power)	43±5 Shore D
Annount strands wire (Power) 24 Diameter of single wires (Power) 0.2 mm Wire conductor ross section (Power) 0.75 mm² Material conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) Strand class 5 Max rated voltage (conductor - conductor) 300 V Max rated voltage (conductor - ground) 300 V Loop resistance 7.8 A Current load capacity (standard) to DIN VDE 0258-4 Current load capacity min. wire 4 A Electrical resistance line constant wire 57 Ωkm @ 20 °C Electrical resistance line constant vire 26 Ωkm @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Min. operating temperature (fixed) 30 °C Max. operating temperature (fixed) 30 °C Operating temperature max. (dynamic) 70 °C Pilame resistance U. 1581 § 1909 EC 6033-2-2 U. 1581 § 1100 FT2 Camerical temperature max. (dynamic) 70 °C Gasoline resistance	Material properties wire insulation (Power)	good machinability
Diameter of single wires (Power) 0,2 mm Wire conductor cross section (Power) 0,75 mm² Material conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) Strand class 5 Max. rated voltage (conductor - ground) 300 V Loop resistance 7,8 A Current load capacity (standard) to DIN VDE 0298-4 Current load capacity wire (Power) 25 Ωkm @ 20 °C Electrical resistance line constant wire 57 Ωkm @ 20 °C Electrical resistance coating wire (Power) 25 Ωkm @ 20 °C AC withstand vollage (wire - jacked) 25 Ωkm @ 20 °C Power frequency withstand vollage (wire - jacked) 25 W @ 60 s Min. operating temperature (static) 30 °C Max. operating temperature (static) 30 °C Max. operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1991 EC 60332-22 UL 1581 § 1100 FT2 Flemical resistance Good, application-related testing Gasoline resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Family construction form free cable end	Ingredient freeness wire insulation (Power)	lead-free, cadmium-free, CFC-free, silicone-free
Wire conductor cross section (Power) 0,75 mm² Material conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) 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 (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Power) 2 EV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Active (Max. operating temperature (static) 30 °C Min. operating temperature (static) 30 °C Operating temperature max. (dynamic) 70 °C Plame resistance UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Bending radius (fixed) 5 x Outer diameter Travel speed (C-track) 2 Min. @ 25 °C	Amount strands wire (Power)	24
Material conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) Strand class 5 Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - ground) 300 V Lop resistance 7,8 A Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Electrical resistance constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Power) 26 Ω/km @20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - yiscket) 2 kV @ 60 s Power frequency withstand voltage (wire - yiscket) 2 kV @ 60 s Max. operating temperature (static) 30 °C Max. operating temperature (static) 30 °C Max. operating temperature (mixed) 80 °C Operating temperature max. (dynamic) 70 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bendi	Diameter of single wires (Power)	0,2 mm
Conductor type wire (Power) Strand class 5 Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - conductor) 300 V Loop resistance 7,8 A Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Electrical resistance line constant wire 57 Ω/m @ 20 °C Electrical resistance locating wire (Power) 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - rispacket) 30 °C Max. operating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C Operating temperature max. (dynamic) 75 °C Flame resistance UL 1581 § 1090 IEC 60332-22 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 × Cuter diameter Bending radius (fixed) 5 × Cuter diameter Bending radius (fixed) 5 × Cuter diameter	Wire conductor cross section (Power)	0,75 mm ²
Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - ground) 300 V Loop resistance 7,8 A Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Electrical resistance constant wire 57 Q/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) -30 °C Max. operating temperature (ixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance U. I. 1581 § 1090 IEC 60332-2.2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (fixed) 5 x Outer diameter Family construction form free cable end No. of poles 11 Family construction form M12	Material conductor wire (Power)	Stranded copper wire, bare
Max. rated voltage (conductor - ground) 300 V Loop resistance 7,8 A Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Power) 2 k V @ 60 s AC withstand voltage (wire - wire) 2 k V @ 60 s Power frequency withstand voltage (wire - vire) 30 °C Min. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1090 IEC 80332-2.2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C Concetton type 2 Family construction form Family construction form free cable end No. of poles 11 Family construction form	Conductor type wire (Power)	Strand class 5
Lop resistance 7.8 A Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Power) 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 30 °C Min. operating temperature (static) 30 °C Max. operating temperature fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 7 °C Flame resistance UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Bending radius (fixed) 5 × Outer diameter Travel speed (C-track) 2 Min. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 1 For poles 4 Final A	Max. rated voltage (conductor - conductor)	300 V
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Electrical resistance line constant wire 57 D/km @ 20 °C Electrical resistance coating wire (Power) 26 D/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 30 °C Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C Consection type 2 Family construction form M12 Gender female Color contact carrier black Coding A	Max. rated voltage (conductor - ground)	300 V
Current load capacity min. wire 4 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Power) 2 R Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - iackel) 30 °C Min. operating temperature (static) 30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form M12 Family construction form M12 Gender tenale Color contact carrier black Coding A No. of poles 4 PIN 1 + <td>Loop resistance</td> <td>7,8 A</td>	Loop resistance	7,8 A
Electrical resistance coating wire (Power) 26 Ω/km @ 20 °C Electrical resistance coating wire (Power) 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 30 °C Min. operating temperature (static) 30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) 5° °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Min. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n. c. PIN 3 - PIN 3 - PIN 4 NO S 1	Current load capacity (standard)	to DIN VDE 0298-4
Electrical resistance coating wire (Power) 26 Ω/km @20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - inacket) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Filame resistance UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Min. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 1 + PIN 1 + PIN 2	Current load capacity min. wire	4 A
AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (fixed) 5 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NOS 1	Electrical resistance line constant wire	57 Ω/km @ 20 °C
Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s Min. operating temperature (static) 30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) 5 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Electrical resistance coating wire (Power)	26 Ω/km @20 °C
Jacket	AC withstand voltage (wire - wire)	2 kV @ 60 s
Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gil resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 3 - PIN 4 NO S 1		2 kV @ 60 s
Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Min. operating temperature (static)	-30 °C
Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 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 (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Max. operating temperature (fixed)	80 °C
Flame resistance UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Operating temperature min. (dynamic)	-5 °C
chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Operating temperature max. (dynamic)	70 °C
Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Flame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	chemical resistance	Good, application-related testing
Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Gasoline resistance	Good, application-related testing
Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Oil resistance	Good, application-related testing DIN EN 60811-404
Connection type 2 Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Bending radius (fixed)	5 x Outer diameter
Connection type 2 Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Bending radius (dynamic)	10 x Outer diameter
Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Travel speed (C-track)	2 Mio. @ 25 °C
No. of poles 11 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. 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 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Family construction form	free cable end
Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	No. of poles	11
Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Family construction form	M12
Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Gender	female
No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Color contact carrier	black
PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Coding	A
PIN 2 n.c. PIN 3 - PIN 4 NO S 1	No. of poles	4
PIN 3 - NO S 1	PIN 1	+
PIN 4 NO S 1	PIN 2	n.c.
	PIN 3	
PIN 5 PE	PIN 4	NO S 1
	PIN 5	PE