

EXACT12, 8XM12, 4 POLE, MOULDED CABLE

30.0m PUR/PVC 8x0.34+3x0.75, UL/CSA

8-way, 4-pole PUR/PVC

Further cable lengths on request.

30.0 m

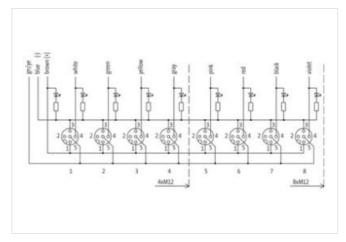
Plastic housings with good resistance against chemicals and oils.

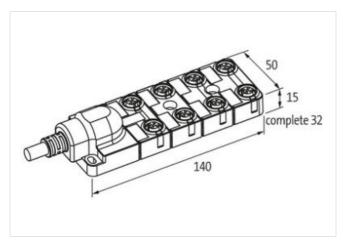
The resistance to aggressive media should be individually tested for your application. Further details on request.

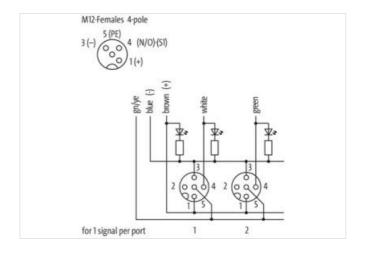
Link to Product

Illustration









Product may differ from Image









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



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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	4048879283595
Packaging unit	1
Electrical data Supply	
Operating voltage DC	24 V
Current operating per contact max.	4 A
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67
Device protection Media	
Flame resistance	flame retardant
Mechanical data Material data	
Material housing	Plastic
Mechanical data Mounting data	
Mounting method	Schraubgewinde
Environmental characteristics Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	70 °C
Additional condition temperature range	depending on cable quality
Installation Cable	
STOOW style jacket	Hybrid, Signal, Power
Cable identification	362
Cable Type	2
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	2 wires with Filler twisted
Amount stranding (type 2)	1
Stranding (type 2)	9 wires around Stranding combination twisted
Filler	yes
wire arrangement	white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)
Cable weigth	115,5 g/m
Material jacket	PUR
Shore hardness jacket	87 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	8,1 mm
Tolerance outer diameter (sheath)	±5%
Material inner jacket	PVC
Color (inner jacket)	gray
Material wire insulation	PVC
Amount wires	8
Outer diameter insulation	1,3 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	43 ± 5 Shore D
	mand and all the shaller.
Material properties wire insulation	good machinability



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Impedient treeness were insulation Medi-Hee, Cartinutin-Tiene, CPC-Tree, silloone-free		
Damater of single wires 0,15 mm Conductor pressection (wino) 0,24 mm² Material conductor view Strand class 5 Traversing distance (C-track) 3 mg 25 °C Traversing distance (C-track) 3 Material wire insulation (Powor) 1.5 mm Telecance buller disperse wire insulation (Powor) 1.5 mm Telecance buller disperse wire insulation (Powor) 45 % % Token particles wire insulation (Powor) 45 % % Token particles wire insulation (Powor) 45 % % Token particles wire insulation (Powor) 45 % % Material proporties wire insulation (Powor) 45 % % Shore D Material proporties wire insulation (Powor) 10 mm Impression traces wire insulation (Powor) 24 Dameter of single wires (Powor) 0.7 mm We conductor or sea seation (Powor) 0.7 mm² Material conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) Stranded copper wire, bare Max. rated voltage (conductor - conductor) 300 Y Max. rated voltage (conductor - conductor) 50 Mm Current back capacity min. wire	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Conductor (wire) 0.34 mm² Stranded copper wire, barre	Amount strands (wire)	19
Material conductor wine Stranded copper wine, barre Conductor type (wine) Strand class 5 Traversing distance (C-track) 5 m @ 55 °C Traversing distance (C-track) 3 Material wine insulation (Power) 1.8 mm Following out-of-diameter wine insulation (Power) 1.8 mm Following out-of-diameter wine insulation (Power) 4.3±5 5 no. D Material properties wite insulation (Power) 4.3±5 5 no. D Material properties wite insulation (Power) 4.3±5 5 no. D Material properties wite insulation (Power) 24 Manual standards (R-tower) 2.2 mm Wite conductor cross section (Power) 2.4 Mark read voltage (conductors or conductor) 3.00 V Max. rated voltage (conductors or conductor) 3.00 V Current load capacity min. wire 4.A Current load capacity min. wire 4.A Loop resistance 57 Dkm @ 20 °C Electrical resistance (in constant wir	Diameter of single wires	0,15 mm
Conductor type (wire) Stand class 6 Traversing delatino (C track) 5 m ⊗ 25 °C Travel speed (C track) 3 Material wire insulation (Power) PVC Count of clamation wire insulation (Power) 4.5 % Other districts wire insulation (Power) 4.5 % Store hardness wire insulation (Power) 4.3 ± 5 Shore D Malarial properties wire insulation (Power) 4.5 5 % Shore hardness wire insulation (Power) 4.5 ± 5 Shore D Malarial properties wire insulation (Power) 4.5 ± 5 Shore D Malarial properties wire insulation (Power) 4.6 Mark (Power) 2.4 Mark (Power) Amount stands wise (Power) 0.2 mm Wite conductor cross section (Power) 0.75 mm² Material conductor wire (Power) Stranded copper wire, bare Max. rated voltage (conductor - conductor) Mark (Power) Stranded sas 5 Max. rated voltage (conductor - conductor) 300 V V Current load capacity (finit wire) 4.4 A Locy op resistance 7.8 A A Electrical resistance (conductor - wire) 2.5 C Mm @ 20 °C Electric	Conductor crosssection (wire)	0,34 mm²
Traversing distance (C-track) 5 m @ 25 °C	Material conductor wire	Stranded copper wire, bare
Travel speed (C+rack) 3 Material wis insulation (Power) 1,5 mm Tolerance outer diameter wis insulation (Power) ±5 % Shore hardness wire insulation (Power) ±5 % Shore hardness wire insulation (Power) ±45 Shore D Material properties wire insulation (Power) lead-five, cadmium-five, CFC-free, silicone-five Amount stands wire (Power) 24 Dameter of single wise (Power) 0,7 mm Wire conductor cross section (Power) 0,75 mm² Material conductor wire (Power) Stand class 5 Max. rated voltage (conductor - conductor) 300 V Current load capacity (sindered) 10 DIN VDE 0288 4 Current load capacity (sindered) 10 DIN VDE 0288 4 Current load capacity (sindered) 20 DIN Mee 20°C Electrical resistance (sindered) 26 DIN @ 20°C Electrical resistance (solitique) 24 V @ 60 s Mix. operating temperature (static) 30°C Mix. operating temperature (static) 30°C Mix. operating temperature (static) 30°C Mix. operating temperature (static) 70°C Power frequency withstand voltage (wire a	Conductor type (wire)	Strand class 5
Material wire insulation (Power) PVC Outer diameter wire insulation (Power) 1.8 mm Toberance outer dameter wire insulation (Power) 45 % Shore hardness wire insulation (Power) 435 Shore D Material properties wire insulation (Power) 24 mmount strand wire (Power) Dameter of single wires (Power) 24 Dameter of single wires (Power) 24 mmount strand wire (Power) Wire conductor ross section (Power) 25 mm² Material conductor wire (Power) 5 mm² Material conductor wire (Power) 5 mm² Max. raid vollage (conductor- conductor) 300 V Max. raid vollage (conductor- conductor) 300 V Current load capacity rim. wire 4 A Current load capacity rim. wire 4 A Loop resistance ocening wire (Power) 25 Dkm @ 20 °C Electrical resistance local constant wire 55 Dkm @ 20 °C Electrical resistance ocening wire (Power) 24 V @ 60 s Develor (power) withstand voltage (wire - wire) 24 V @ 60 s Power (power) withstand voltage (wire - wire) 26 Dkm @ 20 °C Bending radius (ryamic) (Fower) 25 °C	Traversing distance (C-track)	5 m @ 25 °C
Outer diameter wire insulation (Power) 1,8 mm Toleranzo outer diameter wire insulation (Power) 45 % Shoro hardness wire insulation (Power) 4345 Shoro D Material properties wire insulation (Power) 1842 Shoro D Ingredient freeness wire insulation (Power) 1942 February Amount strands wire (Power) 24 Diameter of single wires (Power) 0,2 mm Wire conductor cross section (Power) 0,75 mm? Makerial conductor wire (Power) Strand class 5 Max. rated voltage (conductor - ground) 300 V Aux. rated voltage (conductor - ground) 300 V Current load capacity (standard) 10 DIN VDE 0298-4 Current load capacity (standard) 10 DIN VDE 0298-4 Current load capacity (standard) 20 CMm @ 20 °C Electrical resistance in loc constant wire 37 GMm @ 20 °C Electrical resistance coating wire (Power) 28 VW @ 60 s Power frequency withstand voltage (wire - jacket) 24 VW @ 60 s Power frequency withstand voltage (wire - jacket) 30 °C Max. operating temperature (stail) 30 °C Max. operating temperature (stail) 70 °C </td <td>Travel speed (C-track)</td> <td>3</td>	Travel speed (C-track)	3
Tolerance outer diameter wire insulation (Power) 4325 Shore D	Material wire insulation (Power)	PVC
15 % 15 %	Outer diameter wire insulation (Power)	1,8 mm
Material properties wire insulation (Power) good machinability Ingredient freeness wire insulation (Power) 24 Amount 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 voitage (conductor - conductor) 300 V Max. rated voitage (conductor - conductor) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Lop resistance 7,8 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Power) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Questing temperature (static) 30 °C Max. operating temperature (static) 30 °C Operating temperature (wire) 30 °C Operating temperature (wire) 30 °C Operating temperature (wire)		±5 %
Ingredient freeness wire insulation (Power) Lead-free, cadmium-free, CFC-free, silicone-free	Shore hardness wire insulation (Power)	43±5 Shore D
Amount strands wire (Power) 24 Diameter of single wires (Power) 0,2 mm Wire conductor ross section (Power) 0,7 mm² Matorial 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 Copper sistance in constant wire 4 A Loop resistance in constant wire 57 Ωkm @ 20 °C Electrical resistance inne constant wire 57 Ωkm @ 20 °C Electrical resistance inne constant wire 26 Ωkm @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - packed) 30 °C Max. operating temperature (fixed) 30 °C Max. operating temperature (fixed) 30 °C Operating temperature max. (dynamic) 5° C Operating temperature max. (dynamic) 70 °C Operating temperature max. (dynamic) 70 °C Operating temperature max. (dynamic) 5° C C Operating temperature max. (dynamic) 5° C Operating temperature max.	Material properties wire insulation (Power)	good machinability
Diameter of single wires (Power) 0,2 mm Wire conductor cross section (Power) 0,75 mm² Marciand conductor vive (Power) Strandd copper wire, bare Conductor type wire (Power) Strand class 5 Max. rated voltage (conductor - conductor) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) 57 Ωkm @ 20 °C Electrical resistance continue 57 Ωkm @ 20 °C Electrical resistance coating wire (Power) 2 kW @ 60 s AC withstand voltage (wire - jacket) 2 kW @ 60 s Power frequency withstand voltage (wire - jacket) 30 °C Max. operating temperature (static) -30 °C Max. operating temperature (inted) 80 °C Operating temperature mix. (dynamic) 70 °C Flame resistance UL 1581 § 1901 EC 60332-22 UL 1581 § 1100 FT2 Hemical resistance Good, application-related testing Gasoline resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Tawley pead (C-track) 2 Mo. @ 25 °C	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 Loop resistance 7.8 A Electrical resistance coating wire (Power) 25 Ω/km @ 20 °C AC writistand 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 (static) 30 °C Max. operating temperature (static) 30 °C Operating temperature max. (dynamic) 70 °C Piame 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	Amount strands wire (Power)	24
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 Loop resistance 7.8 A Electrical resistance coating wire (Power) 25 Ω/km @ 20 °C AC writistand 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 (static) 30 °C Max. operating temperature (static) 30 °C Operating temperature max. (dynamic) 70 °C Piame 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	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 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 Loop resistance 7,8 A Electrical resistance line constant wire 57 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 Min. operating temperature (fixed) 30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) 75 °C Plame resistance U. 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 DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Travel speed (C-track) 2 kine, @ 25 °C		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 4 A Loop resistance 7,8 A Electrical resistance constant wire 57 QMm @ 20 °C Electrical resistance coating wire (Power) 2 kV @ 60 s Power frequency withstand voltage (wire - vire) 2 kV @ 60 s Power frequency withstand voltage (wire - iacket) -30 °C Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Max. operating temperature (static) -5 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) -70 °C Flame resistance UL 1581 § 1090 IEC 60332-22 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 <	Material conductor wire (Power)	Stranded copper 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 4 A Loop resistance 7.8 A Electrical resistance constant wire 57 Qikm @ 20 °C Electrical resistance coating wire (Power) 26 Qikm @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - isoket) -30 °C Min. operating temperature (static) -30 °C Max. operating temperature (ixed) 80 °C Operating temperature mix. (dynamic) -5 °C Operating temperature max. (dynamic) -70 °C Flame resistance U. I. 1581 § 1090 IEC 60332-22 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 (gynamic) 10 x Outer diameter Family construction form free cable end No. o	Conductor type wire (Power)	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 Loop resistance 7,8 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 - iacket) 30 °C Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature min. (dynamic) 70 °C Flame resistance UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasciline 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 Conception type 2 Family construction form free cable end No. of poles 11 Family construction form M12 Gender		300 V
Current load capacity min. wire 4 A Loop resistance 7.8 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) 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 Connection type 2 Family construction form free cable end No. of poles 11 Family construction form M12 Gender female		to DIN VDE 0298-4
Electrical resistance line constant wire 57 Ω/km @ 20 °C	. , ,	
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) 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 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 4 NO S 1		7.8 A
Electrical resistance coating wire (Power) 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) -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 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 NOS 1	<u> </u>	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire) 2 kV @ 60 s		
Power frequency withstand voltage (wire - jacket)		
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 Gil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 × Outer diameter Bending radius (dynamic) 10 × 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	Power frequency withstand voltage (wire -	
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) 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 Gender female Color contact carrier black Coding A No. of poles 4 FIN 1 + FIN 2 n.c. FIN 3 - FIN 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
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	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 - FIN 4 NO S 1		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
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	chemical 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		
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	Oil resistance	Good, application-related testing DIN EN 60811-404
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		
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		
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		
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	, , ,	
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	Family construction form	free cable end
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		
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		
Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1		
Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1		
No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1		
PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1		
PIN 2 n.c. PIN 3 - PIN 4 NO S 1		
PIN 3 - NO S 1		
PIN 4 NO S 1		- · · · · · · · · · · · · · · · · · · ·
		NO.S.1