

## **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

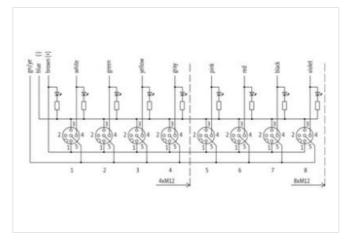
Plastic housings with good resistance against chemicals and oils.

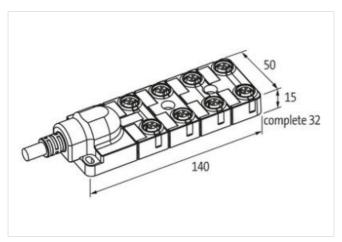
The resistance to aggressive media should be individually tested for your application. Further details on request.

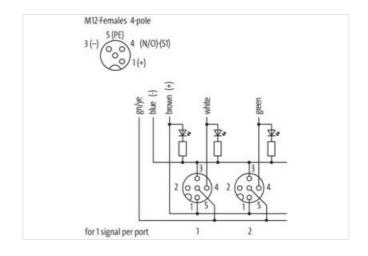
## **Link to Product**

## Illustration









Product may differ from Image









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



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 Electrical data | Supply Operating voltage DC 24 V Current operating per contact max. 4 A Installation | Connection M12 x 1 Mounting set Device protection | Electrical Degree of protection (EN IEC 60529) IP65, IP67 Device protection | Media Flame resistance flame retardant Mechanical data | Material data Plastic Material housing 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 2 wires with Filler twisted Stranding Amount stranding (type 2) 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

The information in this Product-PDF has been compiled with the utmost care.

Outer diameter tolerance core insulation

Color (inner jacket)

Amount wires

Material wire insulation

Outer diameter insulation

Shore hardness wire insulation

Material properties wire insulation

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-08

gray

PVC

1,3 mm

±5%

8

43 ± 5 Shore D

good machinability



stay connected

Ingredient Treenes wire insulation   Power		
Damater or single wires         0.15 mm           Conductor presentation (virin)         0.34 mm²           Tarvarsing distance (Chack)         5 m @ 25 °C           Material conductor were         Stranded copper wire, bure           Conductor type (were)         Stranded copper wire, bure           Taves speed (Chrack)         3           Material viring insulation (Power)         1.8 mm           Telecance buller disinger viring insulation (Power)         1.8 mm           Telecance outloor disinger viring insulation (Power)         455 Shore D           Material proporties wire insulation (Power)         24           Material proporties wire insulation (Power)         24           Dameter of single wires (Power)         2,7 mm           We conductor or searce (Power)         2,7 mm²           Material conductor vive (Power)         5 tranded cooper wire, bare           Material conductor vive (Power)         5 tranded cooper wire, bare           Max. rated voltage (conductor - conductor)         300 Y           Max. rated voltage (conductor - conductor)         50 T W Report Report Report Report Report Rep	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Conductor crossection (virin)         0.34 mm²           Traveraing distance (C-track)         5 m ≥ 5° C           Material conductor virino         Strand class 5           Traveraing distance (C-track)         3           Material virinulation (Fower)         FVC           Conductor virino insulation (Fower)         FVC           Contradiamenta virinulation (Fower)         1.5 mm           Tolerance outlor dismotor virin insulation (Fower)         43±5 Store D           Material properties virin insulation (Fower)         43±5 Store D           Material properties virin insulation (Fower)         42±5 Store D           Material properties virin insulation (Fower)         24           Pamerian of single viring (Fower)         24           Dismoter of single viring viring viring (Fower)         0.2 mm           Wire conductor viring viring viring (Fower)         3.75 mm²           Max. ratify vollage (conductor - conductor)         300 V           Max. ratify vollage	Amount strands (wire)	19
Transferring distance (C-track)         5 m @ 25 ° C           Material conductor wine         Stranded copper wine, bane           Conductor type (wine)         Stranded copper wine, bane           Travel speed (C-track)         3           Material wine insulation (Power)         1,5 mm           Telerance outler disaneter wine insulation (Power)         1,5 mm           Telerance outler disaneter wine insulation (Power)         45 %           Shore brackness wine insulation (Power)         45 %           Material properties wine insulation (Power)         43.5 Shore D           Material properties wine insulation (Power)         43.5 Shore D           Material properties wine insulation (Power)         24           Material properties wine insulation (Power)         24           Danneter of single wines (Power)         2.4 mm           Will conductor vine (Power)         57 mm²           Material conductor vine (Power)         57 mm²           Material conductor vine (Power)         57 mm²           Max. radio vollage (conductor- opound)         300 V           Max. radio vollage (conductor- opound)         300 V           Current load capacity min. wire         4 A           Lucor resistance (in constant wire         57 Dkm @ 20 ° C           Electricial resistance (in constant wire         <	Diameter of single wires	0,15 mm
Material conductor wire   Stranded copper wire, bare	Conductor crosssection (wire)	0,34 mm²
Conductor type (vier)         Shand class 5           Travel speed (C-track)         3           Material vier insulation (Power)         PVC           Outer dameter wire insulation (Power)         1,8 mm           Teleance utzer dameter wire insulation (Power)         45 %           Shore hardness wire insulation (Power)         435 Shore D           Material properties wire insulation (Power)         435 Shore D           Material properties wire insulation (Power)         24 Shore D           Material properties wire insulation (Power)         24 Shore D           Wire conductor ross section (Power)         2.7 mm           Wire conductor ross section (Power)         0.7 mm²           Material conductor wire (Power)         5 Standed coppor wire, bare           Conductor type wire (Power)         5 Standed coppor wire, bare           Max. radid voltage (conductor - ground)         300 V           Max. radid voltage (conductor - ground)         300 V           Max. radid voltage (conductor - ground)         100 N VDE 0298-4           Current load capacity min. wire         4 A           Loop resistance into constant wire         57 ΩRm @ 20 °C           Electrical resistance (seating wire (Power)         25 ΩRm @ 20 °C           Electrical resistance (seating wire - fewer)         26 ΩRm @ 20 °C	Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)         3           Material wie insulation (Power)         PVC           Outer diameter wie insulation (Power)         1,8 mm           Toler ance outer diameter wie insulation (Power)         45 %           Shore hardness wire insulation (Power)         435 Shore D           Material properties wire insulation (Power)         Input diameter (Power)           Marchies (Power)         24           Emailer of Impetite wires (Power)         24           Emailer of Impetite wires (Power)         0.2 mm           Wire conductor view (Power)         0.2 mm           Wire conductor view (Power)         0.2 mm           Wire conductor view (Power)         0.75 mm²           Max. rated voltage (conductor - conductor)         300 V           Current load capacity (standard)         0.0 PW           Current load capacity (standard)         0.0 PW           Current load capacity (standard)         0.0 PW           Current load capacity (standard)         1.0 PW (Power)           AC withstand voltage (wire - wire)         2.0 PW (Power)           AC withstand voltage (wire - wire)         2.0 PW (Power)           AC withstand voltage (wire - wire)         2.0 PW (Power)           AC withstand voltage (wire - wire)         2.0 PW (Power)           AC withst	Material conductor wire	Stranded copper wire, bare
Material wise insulation (Power)         PVC           Outer diameter wire insulation (Power)         1,8 mm           Tobrance outer diameter wire insulation (Power)         45 %           Shore hardness were insulation (Power)         435 Shore D           Margrial properties were insulation (Power)         24 description           Amount stands wire (Power)         24           Diameter of single wires (Power)         24           Wise conductor ross section (Power)         0,7 mm²           Material conductor wire (Power)         5 mander conductor wire (Power)           Max. rated voltage (conductor - conductor)         300 V           Cornect toot of power (Power)         5 mander conductor wire (Power)           Max. rated voltage (conductor - conductor)         300 V           Current load capacity min. wire         4 A           Loop resistance (conductor - conductor)         300 V           Current load capacity min. wire         4 A           Loop resistance (inconstant wire         5 C X mm @20 °C           Electrical resistance (inconstant wire wire)         5 C X mm @20 °C           Electrical resistance (inconstant wire)         5 C X mm @20 °C           Electrical presenture (inconstant wire)         5 °C           Operating temperature (inconstant wire)         5 °C           Operati	Conductor type (wire)	Strand class 5
Outer diameter wire insulation (Power)         1,8 mm           Tollerance outer diameter wire insulation (Power)         5 %           Shore hardness wire insulation (Power)         4355 Shore D           Material properties wire insulation (Power)         9345 Shore D           Ingredient freeness wire insulation (Power)         1847 Shore D           Amount strands wire (Power)         24           Dameter of single wires (Power)         0,2 mm           Wire conductor cross section (Power)         5 standed copper wire, bare           Conductor type wire (Power)         5 standed copper wire, bare           Constitutor type wire (Power)         5 standed copper wire, bare           Constitutor type wire (Power)         5 standed copper wire, bare           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)         4 A           Loop resistance         7,8 A           Electrical resistance in excession wire (Power)         26 VEN @ 60 s           Power frequency withstand voltage (wire - wire)         22 kV @ 60 s           Power frequency withstand voltage (wire - wire)         24 kV @ 60 s           Opcorating temperature (static)         30 °C <td>Travel speed (C-track)</td> <td>3</td>	Travel speed (C-track)	3
Total content diameter wire insulation (Power)   43:45 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 voilage (conductor - conductor)         300 V           Max. rated voilage (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 (mix (dynamic)         70 °C           Flamor resistance         Good, application-related testing           Gasoline		±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           Material conductor wire (Power)         Stranded copper wire, bare           Conductor type wire (Power)         Stranded capper wire, bare           Conductor type wire (Power)         Stranded capper wire, bare           Max. rated voltage (conductor - ground)         300 V           Max. rated voltage (conductor - ground)         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         4 A           Loop resistance         7,8 A           Electrical resistance ine constant wire         57 Ωkm @ 20 °C           Electrical resistance line constant wire         26 Ωkm @ 20 °C           AC withstand voltage (wire - wire)         24 W @ 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           Max. operating temperature max. (dynamic)         7 °C           Operating temperature max. (dynamic)         7 °C           Gasoline resistance         Good, application-related testing           Oil resistance <td>Material properties wire insulation (Power)</td> <td>good machinability</td>	Material properties wire insulation (Power)	good machinability
Diameter of single wires (Power)         0,2 mm           Wire conductor cross section (Power)         0,75 mm²           Max rated voltage (conductor - conductor)         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 min wire         4 A           Loop resistance         7.8 A           Electrical resistance coating wire (Power)         25 MR @ 20 °C           AC withstand voltage (wire - jacka)         25 GMR @ 20 °C           Power frequency withstand voltage (wire - jacka)         2 kV @ 60 s           Min. operating temperature (static)         -30 °C           Max. operating temperature (static)         -30 °C           Max. operating temperature (static)         -30 °C           Max. operating temperature max. (dynamic)         70 °C           Flame resistance         UL 1581 § 1909   IEC 60332-2-2   UL 1581 § 1100 FT2           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	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           Max. rated voltage (conductor - conductor)         300 V           Max. rated voltage (conductor - ground)         300 V           Max. rated voltage (conductor - ground)         300 V           Current load capacity (standard)         to Din VDE 0298-4           Current load capacity min. wire         4 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 (statio)         30 °C           Max. operating temperature (statio)         30 °C           Operating temperature max. (dynamic)         75 °C           Piame 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	Amount strands wire (Power)	24
Material conductor wire (Power)   Stranded copper wire, bare	Diameter of single wires (Power)	0,2 mm
Material conductor wire (Power)   Stranded copper wire, bare	Wire conductor cross section (Power)	0,75 mm <sup>2</sup>
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 (standard)         4 A           Loop resistance         7,8 A           Electrical resistance line constant wire         57 Ω/km @ 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 - risket)         2 kV @ 60 s           Min. operating temperature (fixed)         80 °C           Operating temperature (fixed)         80 °C           Max. operating temperature max. (dynamic)         75 °C           Charmical resistance         UL 1581 § 1990   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           Travel speed (C-track)         2 kin. @ 25 °C           Connection type 2           Family construction form	Material conductor wire (Power)	
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 60332-2-2   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 (gynamic)         10 x Outer diameter           Family construction form         free cable end           No.	Conductor type wire (Power)	Strand class 5
Max. rated voltage (conductor - ground)         300 V           Current load capacity (slandard)         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 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 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           Goli resistance         Good, application-related testing           Oil resistance         Good, application-related testing   DIN EN 60811-404           Bending radius (fixed)         5 x Outer diameter           Travel speed (-Track)         5 wline @ 25 °C           Connection type 2           Family construction form         free cable end           No. of poles         11		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 (static)         80 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature min. (dynamic)         70 °C           Flame resistance         UL 1581 § 1909   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 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         Ut 1581 § 1090   IEC 60332-2-2   Ut 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
Loop resistance   7,8 A		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 max. (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 1 DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 km @ 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 - 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  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		57 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)         -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 (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.		
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  Gil resistance Good, application-related testing  Oil 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		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     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) 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 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 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
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	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		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  No. of poles  11  Family construction form  M12  Gender  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 (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	Bending radius (fixed)	
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		
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         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
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		female
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

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