

## **EXACT12, 8XM12, 5-POLE, MOULDED CABLE**

5.0m PUR 16x0,5+3x1,0

8-way, 5-pole 5.0 m

without LED, up to 125 V AC/DC

Further cable lengths on request.

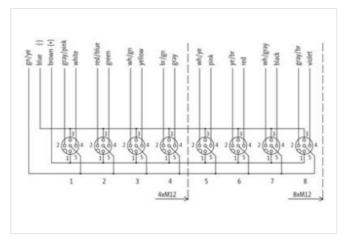
Plastic housings with good resistance against chemicals and oils.

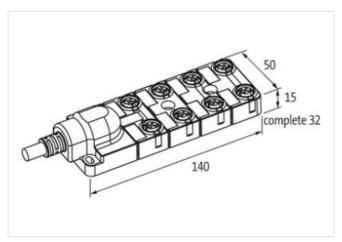
The resistance to aggressive media should be individually tested for your application. Further details on request.

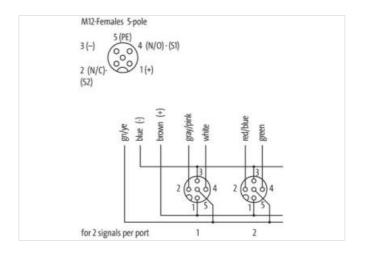
## **Link to Product**

## Illustration









Product may differ from Image









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



stay connected

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	4048879053884
Packaging unit	1
Electrical data   Supply	
Operating voltage AC	125 V
Operating voltage DC	125 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	
	flows astrodays
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	
Cable identification	452
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	7 wires around Core filler twisted
Amount stranding (type 2)	1
Stranding (type 2)	12 wires counter-rotating twisted
Banding	Fleece
Filler	yes
wire arrangement	gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet)
Cable weigth	231 g/m
Material jacket	PUR
Shore hardness jacket	94 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free
Outer-diameter (jacket)	11,5 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	TPE-E
Amount wires	16
Outer diameter insulation	1,6 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	55 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free, silicone-free, LABS-free
Amount strands (wire)	64



## stay connected

Material conductor wire   Material conductor wire   Stranded copper wire, bare   Stranded wire insulation (Data)   TPE-E   Stranded wire insulation (Data)   TPE-E   Stranded wire insulation (Data)   Stranded wire (Data)   Stranded	Diameter of single wires	0,1 mm
Material conductor wire   Stranded copper wire, bare   Scronded Complex (virgo (wire)   Stranded Copper wire, bare   Scronded Complex (virgo (wire)   Stranded Copper wire, bare   Scronded Copper	<u> </u>	·
Constactor type (wive)         stand class 6           Traversing distance (C-hack)         5 m @ 25 °C           Matherial wire insulation (Data)         TPE-E           Outer disareter wire insulation (Data)         TPE-E           Tobreance outer dismeter wire insulation (Data)         55 °S           Shore hardness wire insulation (Data)         55 °S Shore D           Ingredient Reeness wire insulation (Data)         86 °S °S Shore D           Ingredient Reeness wire insulation (Data)         188           Diameter of single wires (Data)         1 mm²           Conductor cross-section wire (Data)         1 mm²           Conductor cross-section wire (Data)         1 mm²           Mallarial conductor wire (Data)         Standed coppor wire, barro           Mallarial conductor wire (Data)         Standed coppor wire, barro           Max. radard voltage (conductor - conductor)         300 V           Max. radard voltage (conductor - conductor)         300 V           Current load capacity rimit. wire         5.9 A           Current load capacity rimit. wire (Data)		·
Traversing distance (C-track) 5 m @ 25 °C  Material wire insulation (Data) TFE-E  Outer disameter wire insulation (data) 2 1 mm  Tolerance outer diameter wire insulation (data) 3 5 %  Shore hardness wire insulation (Data) 15 8 6 %  Amount wires (Data) 3 3  Amount wires (Data) 128  Diameter of single wires (Data) 128  Diameter of single wires (Data) 1 mm  Conductor crossaction wire (Data) 1 mm²  Material conductor wire (Data) 20 °C  Current load capacity wire. wire 2		
Material wive insulation (Data)		
Outer diameter wire insulation (Data)         2.1 mm           Tolerance outer diameter wire insulation (data)         5.5 ± 5 hore D           Shore hardness wire insulation (Data)         5.5 ± 5 hore D           Impredient freeness wire insulation (Data)         3.2           Amount wires (Data)         128           Diameter of single wires (Data)         0.1 mm           Octavator of crossaction wire (Data)         1 mm²           Material conductor wire (Data)         Stranded copper wire, bare           Wire conductor type (Data)         Stranded copper wire, bare           Wire conductor type (Data)         Stranded copper wire, bare           War conductor type (Data)         Stonder Stranded copper wire, bare           War conductor type (Data)         Stonder Conductor type (Data)           War conductor type (Data)         Show type (Data)		
Tolerance outer diameter wire insulation (data) ± 5 % Shore hardness were insulation (Data) ingredient fremes wire (Data) ingredient fremes (Data) ingredient (Dat		
Shore hardness wire insulation (Data)         55 ± 5 Shore D           Ingredient freeness wire insulation (Data)         1 lead-free, halogen-free, cilicone-free, LABS-free           Amount wires (Data)         3           Amount areands wire (Data)         1 28           Diameter of single wires (Data)         1 mm²           Conductor cressection wire (Data)         1 mm²           Material conductor wire (Data)         Stranded copper wire, bare           Wisconductor type (Data)         Stranded copper wire, bare           Max. rated voitage (conductor - conductor)         300 V           Max. rated voitage (conductor - conductor)         100 N V           Current load capacity (win wire)         5,9 A           Current load capacity (win wire)         30 N V           Current load capacity (win wire)         30 N V           Current load capacity (win wire)         30 N M © 20 °C           Electrical resistance line constant wire         20 Okm @ 20 °C           Electrical resistance line constant wire         20 Okm @ 20 °C           All withstand voitage (wire - wire)         22 °C           Oper	. , ,	•
Ingredient freeness wire insulation (Data) Amount wires (Data) 3 Amount wires (Data) 128 Diameter of single wires (Data) 0.1 mm Conductor crosssection wire (Data) 1 mm² Makerial conductor wire (Data) Max. rated vollage (conductor - conductor) Max. rated vollage (conductor - conductor) Max. rated vollage (conductor - conductor) Current load capacity (standard) Current load capacity (standard) Current load capacity (sindards) 1 59 A Current load capacity (sindards) 1 50 A Current load capacity (sindards) 2 NY ⊕ 60 a Power frequency withstand voltage (wire - wire) 2 NY ⊕ 60 a Power frequency withstand voltage (wire - wire) 2 NY ⊕ 60 a Power frequency withstand voltage (wire - wire) 2 NY ⊕ 60 a Power frequency withstand voltage (wire - wire) 2 NY ⊕ 60 a Power frequency withstand voltage (wire - wire) 2 NY ⊕ 60 a Power frequency withstand voltage (wire - wire) 2 NY ⊕ 60 a Power frequency withstand voltage (wire - wire) 2 NY ⊕ 60 a Power frequency withstand voltage (wire - wire) 2 NY ⊕ 60 a Power frequency withstand voltage (wire - wire) 2 NY ⊕ 60 a Power frequency withstand voltage (wire - wire) 3 NY ⊕ 60 a Power frequency withstand voltage (wire - wire) 3 NY ⊕ 60 a Power frequency withstand voltage (wire - wire) 3 NY ⊕ 60 a Power frequency withstand voltage (wire - wire) 3 NY ⊕ 60 a Power frequency withstand voltage (wire - wire) 3 NY ⊕ 60 a Power frequency withstand voltage (wire - wire) 3 NY ⊕ 60 a Power frequency withstand voltage (wire - wire) 3 NY ⊕ 60 a Power frequency withstand voltage (wire - wire) 3 NY ⊕ 60 a Power frequency withstand voltage (wire - wire) 3 NY ⊕ 60 a Power frequency withstand voltage (wire - wire) 3 NY ⊕ 60 a Power frequency withstand voltage (wire - wire) 3 NY ⊕ 60 a Power frequency withstand voltage (wire - wire) 3 NY ⊕ 60 a Power frequency withstand voltage (wire - wire) 3 NY ⊕ 60 a Power frequency withstand voltage (wire - wire) 3 NY ⊕ 60 a Power frequency withstand voltage (wire - wire) 3 NY ⊕ 60 a Power frequency withstand voltage (wire - wire) 3 NY ⊕ 60 a Power frequency withstand		
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Amount strands wire (Data)         128           Diameter of single wires (Data)         0.1 mm           Conductor or Sessession wire (Data)         1 mm²           Material conductor wire (Data)         stranded copper wire, bare           Wire conductor type (Data)         strand class 6           Max. rated voltage (conductor - conductor)         300 V           Max. rated voltage (conductor - ground)         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         5.9 A           Current load capacity min. wire         5.9 A           Current load capacity min. wire         5.9 A           Current load capacity min. wire (Data)         15 A           Electrical resistance line constant wire         3.9 Ω/km @ 20 °C           Electrical resistance coating wire (Data)         2.0 R/m @ 20 °C           Powor frequency withstand voltage (wire - jackei)         2 kV @ 60 s           Min. operating temperature (static)         40 °C           Min. operating temperature max. (dynamic)         90 °C           Operating temperature max. (dynamic)         90 °C           Operating temperature max. (dynamic)         90 °C           Operating temperature max. (dynamic)         20 °C           Ories (asoline resistance)         Good,		
Diameter of single wires (Data)         0,1 mm           Conductor crosssection wire (Data)         1 mm²           Mare and Auditor wire (Data)         stranded copper wire, bare           Wire conductor type (Data)         stranded copper wire, bare           Wire conductor type (Data)         strand class 6           Max. rated voltage (conductor - conductor)         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         5.9 A           Current load capacity min. wire (Data)         15 A           Electrical resistance line constant wire         39 Ω/km @ 20 °C           Electrical resistance coating wire (Data)         20 Ω/km @ 20 °C           Cellictrical resistance coating wire (Data)         20 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           Power frequency withstand voltage (wire - wire)         2 kV @ 60 s           Query frequency withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - wire)         2 kV @ 60 s           Query frequency withstand voltage (wire - wire)         2 kV @ 60 s           Dopartic (wire - wi		
Conductor crosssection wire (Data)         1 mm²           Material conductor wire (Data)         Stranded copper wire, bare           Wire conductor type (Data)         stranded cass 6           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 min. wire         5.9 A           Current load capacity min. wire (Data)         15 A           Electrical resistance ine constant were         39 Ω/km @ 20 °C           Electrical resistance coating wire (Data)         20 Ω/km @ 20 °C           Electrical resistance coating wire (Data)         20 Ω/km @ 20 °C           Electrical resistance coating wire (Data)         20 √km @ 20 °C           Electrical resistance coating wire (Data)         20 °C           Max. operating temperature (static)         40 °C           Max. operating temperature (fixed)         90 °C           Operating temperature max. (dynamic)         90 °C           Poperating temperature max. (dynamic)         90 °C           Flame resistance         UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1900           chemical resistance         Good, application-related testing           Oil resistance         Good, application-related testing		
Material conductor wire (Data)         Stranded copper wire, bare           Wire conductor type (Data)         strand class 6           Max. rated voltage (conductor - conductor)         300 V           Max. rated voltage (conductor - conductor)         300 V           Current load capacity (standard)         10 DIN VDE 0298-4           Current load capacity min. Wire (Data)         15 A           Current load capacity min. Wire (Data)         15 A           Electrical resistance line constant wire         38 Ω/km @ 20 °C           Electrical resistance line constant wire         2 kW @ 60 s           Electrical resistance line constant wire         2 kW @ 60 s           Power fraguency withstand voltage (wire - wire)         2 kV @ 60 s           Power fraguency withstand voltage (wire - wire)         2 kV @ 60 s           Min. operating temperature (fixed)         90 °C           Operating temperature (fixed)         90 °C           Operating temperature max. (dynamic)         90 °C           Perating temperature max. (dynamic)         90 °C           Operating temperature max. (dynamic)         90 °C           Gasoline resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Oil resistance         Good, application-related testing		· ·
Wire conductor type (Data)         strand class 6           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 min. Wire (Data)         15 A           Electrical resistance ince constant wire         39 Ω/km @ 20 °C           Electrical resistance strain coating wire (Data)         20 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 (static)         -40 °C           Max. operating temperature (static)         -90 °C           Operating temperature max. (dynamic)         90 °C           Or estation contract cesistance         Good, application-related testing      <		
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 (standard)         to DIN VDE 0298-4           Current load capacity min. Wire (Data)         15 A           Electrical resistance line constant wire         39 Ω/km @ 20 °C           Electrical resistance coating wire (Data)         20 Ω/km @ 20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - jacket)         40 °C           Min. operating temperature (static)         40 °C           Max. operating temperature (incet)         90 °C           Operating temperature max. (dynamic)         90 °C           Operating temperature max. (dynamic)         90 °C           Filame resistance         UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090           chemical resistance         Good. application-related testing           Gasoline resistance         Good. application-related testing           Bending radius (installation)         x Outer diameter           Bending radius (installation)         x Outer diameter           Bending radius (installation)         5 Mio. @ 25 °C           Connection type 2         Family construction form		
Max. rated voltage (conductor - ground)         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         5.9 A           Current load capacity min. Wire (Data)         15 A           Electrical resistance lose constant wire         39 0/km @ 20 °C           Electrical resistance coating wire (Data)         20 0/km @ 20 °C           AC withstand voltage (wire - vire)         2 kV @ 60 s           Power frequency withstand voltage (wire - isoket)         -40 °C           Min. operating temperature (fixed)         90 °C           Max. operating temperature min. (dynamic)         -20 °C           Operating temperature min. (dynamic)         90 °C           Flame resistance         UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090           chemical resistance         Good, application-related testing           Oil resistance         S No Oil gool gool gool gool gool go		
Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. Wire         5,9 A           Current load capacity min. Wire (Data)         15 A           Electrical resistance line constant wire         39 Ω/km @ 20 °C           Electrical resistance coating wire (Data)         20 Ω/km @ 20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - jacket)         40 °C           Min. operating temperature (static)         -40 °C           Max. operating temperature (fixed)         90 °C           Operating temperature min. (dynamic)         -20 °C           Operating temperature max. (dynamic)         90 °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)         8 x Outer diameter           Family construction form         free cable end           No. of poles         19           Family construction form         M		
Current load capacity min. wire         5,9 A           Current load capacity min. Wire (Data)         15 A           Electrical resistance line constant wire         39 Ω/km @ 20 °C           Electrical resistance coating wire (Data)         20 Ω/km @ 20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - incast)         2 kV @ 60 s           Min. operating temperature (static)         40 °C           Max. operating temperature (fixed)         90 °C           Operating temperature min. (dynamic)         20 °C           Operating temperature max. (dynamic)         90 °C           Flame resistance         UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090           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)         8 x Outer diameter           Bending radius (fixed)         8 x Outer diameter           Bending radius (dynamic)         10 x Outer diameter           Bending radius (dynamic)         10 x Outer diameter           Family construction form         free cable end           No. of poles         19           Family cons		
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Electrical resistance line constant wire         39 Ω/km @ 20 °C           Electrical resistance coating wire (Data)         20 Ω/km @ 20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - jacket)         2 kV @ 60 s           Min. operating temperature (static)         -40 °C           Max. operating temperature (fixed)         90 °C           Operating temperature max. (dynamic)         90 °C           Operating temperature max. (dynamic)         90 °C           Flame resistance         UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090           chemical resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Oil resistance         Good, application-related testing           Oil resistance         Good, application-related testing           Bending radius (installation)         x Outer diameter           Bending radius (installation)         x Outer diameter           Bending radius (synamic)         10 x Outer diameter           Travel speed (C-track)         5 Mio. @ 25 °C           Connection type 2         Femily construction form         free cable end           No. of poles         19           Family construction form         free cable end <t< td=""><td></td><td>· · · · · · · · · · · · · · · · · · ·</td></t<>		· · · · · · · · · · · · · · · · · · ·
Electrical resistance coating wire (Data) 20 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) 40 °C  Max. operating temperature (fixed) 90 °C  Operating temperature min. (dynamic) 20 °C  Operating temperature min. (dynamic) 90 °C  Operating temperature min. (dynamic) 90 °C  Operating temperature max. (dynamic) 90 °C  Operating temperature max. (dynamic) 90 °C  It is sistance UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090  chemical resistance Good, application-related testing  Gasoline resistance Good, application-related testing  Oli resistance Good, application-related testing  Oli resistance Good, application-related testing   DIN EN 60811-404  Bending radius (installation) x Outer diameter  Bending radius (fixed) 8 x Outer diameter  Bending radius (fixed) 8 x Outer diameter  Bending radius (fixed) 8 x Outer diameter  Travel speed (C-track) 5 Mio. @ 25 °C  Connection type 2  Family construction form free cable end  No. of poles 19  Family construction form M12  Gender (emale  Color contact carrier black  Coding A  No. of poles 5  PIN 1 +  PIN 2 NC S 2  PIN 3 -  PIN 1 +  PIN 2 NC S 2  PIN 3 -  PIN 4 NO S 1		
AC withstand voltage (wire - wire) 2 kV @ 60 s  Power frequency withstand voltage (wire - jacket)  2 kV @ 60 s  Max. operating temperature (static) -40 °C  Max. operating temperature (fixed) 90 °C  Operating temperature min. (dynamic) -20 °C  Operating temperature max. (dynamic) 90 °C  Stamperature max. (dynamic) -20 °C  Operating temperature max. (dynamic) -20 °C  Cod. application-related testing -20 °C  Good, application-related testing -20 °C  Family construction to -20 °C  Connection type 2  Family construction form -20 °C  Family		
Power frequency withstand voltage (wire - jacket)         2 kV @ 60 s           jacket)         40 °C           Max. operating temperature (fixed)         90 °C           Operating temperature min. (dynamic)         -20 °C           Operating temperature max. (dynamic)         90 °C           Flame resistance         UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090           chemical resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Oil resistance         Good, application-related testing   DIN EN 60811-404           Bending radius (installation)         x Outer diameter           Bending radius (gived)         8 x Outer diameter           Bending radius (dynamic)         10 x Outer diameter           Travel speed (C-track)         5 Mio. @ 25 °C           Connection type 2         Family construction form           Family construction form         free cable end           No. of poles         19           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         +           PIN 2         NC S 2 <td></td> <td></td>		
Jacket    24 W 90 S		2 KV (@ 60 S
Max. operating temperature (fixed)         90 °C           Operating temperature min. (dynamic)         -20 °C           Operating temperature max. (dynamic)         90 °C           Flame resistance         UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090           chemical resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Oil resistance         Good, application-related testing   DIN EN 60811-404           Bending radius (installation)         x Outer diameter           Bending radius (fixed)         8 x Outer diameter           Bending radius (dynamic)         10 x Outer diameter           Travel speed (C-track)         5 Mio. @ 25 °C           Connection type 2         Emily construction form           Family construction form         free cable end           No. of poles         19           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         +           PIN 2         NC S 2           PIN 3         -           PIN 4         NO S 1	jacket)	
Operating temperature min. (dynamic)         -20 °C           Operating temperature max. (dynamic)         90 °C           Flame resistance         UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090           chemical resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing   DIN EN 60811-404           Bending radius (installation)         x Outer diameter           Bending radius (fixed)         8 x Outer diameter           Bending radius (dynamic)         10 x Outer diameter           Travel speed (C-track)         5 Mio. @ 25 °C           Connection type 2         Family construction form           Family construction form         free cable end           No. of poles         19           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           FIN 1         +           PIN 2         NC S 2           PIN 3         -           PIN 4         NO S 1		
Operating temperature max. (dynamic)         90 °C           Flame resistance         UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090           chemical resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Oil resistance         Good, application-related testing   DIN EN 60811-404           Bending radius (installation)         x Outer diameter           Bending radius (fixed)         8 x Outer diameter           Bending radius (dynamic)         10 x Outer diameter           Travel speed (C-track)         5 Mio. @ 25 °C           Connection type 2         Family construction form           Family construction form         free cable end           No. of poles         19           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         +           PIN 2         NC S 2           PIN 3         -           PIN 4         NO S 1		90 °C
Flame resistance		
chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing   DIN EN 60811-404  Bending radius (installation) x Outer diameter  Bending radius (fixed) 8 x Outer diameter  Bending radius (dynamic) 10 x Outer diameter  Bending radius (dynamic) 10 x Outer diameter  Travel speed (C-track) 5 Mio. @ 25 °C  Connection type 2  Family construction form free cable end  No. of poles 19  Family construction form M12  Gender female  Color contact carrier black  Coding A  No. of poles 5  PIN 1 +  PIN 2 NC S 2  PIN 3 -  PIN 4 NO S 1		
Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing   DIN EN 60811-404  Bending radius (installation) x Outer diameter  Bending radius (fixed) 8 x Outer diameter  Bending radius (dynamic) 10 x Outer diameter  Travel speed (C-track) 5 Mio. @ 25 °C  Connection type 2  Family construction form free cable end No. of poles 19  Family construction form M12  Gender female  Color contact carrier black  Coding A No. of poles 5  PIN 1 +  PIN 2 NC S 2  PIN 3 -  PIN 4 NO S 1		
Oil resistance         Good, application-related testing   DIN EN 60811-404           Bending radius (installation)         x Outer diameter           Bending radius (fixed)         8 x Outer diameter           Bending radius (dynamic)         10 x Outer diameter           Travel speed (C-track)         5 Mio. @ 25 °C           Connection type 2         Family construction form         free cable end           No. of poles         19           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         +           PIN 2         NC S 2           PIN 3         -           PIN 4         NO S 1		<del>-</del>
Bending radius (installation) x Outer diameter  Bending radius (fixed) 8 x Outer diameter  Bending radius (dynamic) 10 x Outer diameter  Travel speed (C-track) 5 Mio. @ 25 °C  Connection type 2  Family construction form free cable end  No. of poles 19  Family construction form M12  Gender female  Color contact carrier black  Coding A  No. of poles 5  PIN 1 +  PIN 2 NC S 2  PIN 3 -  PIN 4 NO S 1		
Bending radius (fixed) 8 x Outer diameter  Bending radius (dynamic) 10 x Outer diameter  Travel speed (C-track) 5 Mio. @ 25 °C  Connection type 2  Family construction form free cable end  No. of poles 19  Family construction form M12  Gender female  Color contact carrier black  Coding A  No. of poles 5  PIN 1 +  PIN 2 NC S 2  PIN 3 -  PIN 4 NO S 1		Good, application-related testing   DIN EN 60811-404
Bending radius (dynamic) 10 x Outer diameter  Travel speed (C-track) 5 Mio. @ 25 °C  Connection type 2  Family construction form free cable end  No. of poles 19  Family construction form M12  Gender female  Color contact carrier black  Coding A  No. of poles 5  PIN 1 +  PIN 2 NC S 2  PIN 3 -  PIN 4 NO S 1	Bending radius (installation)	x Outer diameter
Travel speed (C-track)         5 Mio. @ 25 °C           Connection type 2           Family construction form         free cable end           No. of poles         19           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         +           PIN 2         NC S 2           PIN 3         -           PIN 4         NO S 1		8 x Outer diameter
Connection type 2           Family construction form         free cable end           No. of poles         19           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         +           PIN 2         NC S 2           PIN 3         -           PIN 4         NO S 1		
Family construction form       free cable end         No. of poles       19         Family construction form       M12         Gender       female         Color contact carrier       black         Coding       A         No. of poles       5         PIN 1       +         PIN 2       NC S 2         PIN 3       -         PIN 4       NO S 1	Travel speed (C-track)	5 Mio. @ 25 °C
No. of poles         19           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         +           PIN 2         NC S 2           PIN 3         -           PIN 4         NO S 1	Connection type 2	
No. of poles         19           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         +           PIN 2         NC S 2           PIN 3         -           PIN 4         NO S 1	Family construction form	free cable end
Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         +           PIN 2         NC S 2           PIN 3         -           PIN 4         NO S 1	No. of poles	19
Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         +           PIN 2         NC S 2           PIN 3         -           PIN 4         NO S 1	Family construction form	M12
Coding         A           No. of poles         5           PIN 1         +           PIN 2         NC S 2           PIN 3         -           PIN 4         NO S 1	Gender	female
No. of poles         5           PIN 1         +           PIN 2         NC S 2           PIN 3         -           PIN 4         NO S 1	Color contact carrier	black
PIN 1       +         PIN 2       NC S 2         PIN 3       -         PIN 4       NO S 1	Coding	A
PIN 2         NC S 2           PIN 3         -           PIN 4         NO S 1	No. of poles	5
PIN 3 - PIN 4 NO S 1	PIN 1	+
PIN 4 NO S 1	PIN 2	NC S 2
	PIN 3	-
PIN 5 PE	PIN 4	NO S 1
	PIN 5	PE