

## MVP12, 8XM12, 4POLE, PLUGGABLE CABLE

10.0m PUR/PVC 8x0,34+3x0,75

Further cable lengths on request.

8-way, 4-pole

Plastic housings with good resistance against chemicals and oils.

PUR/PVC

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

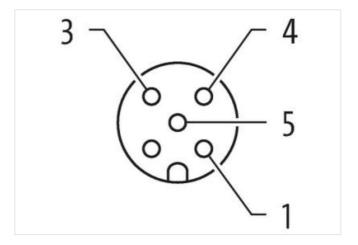
10.0 m

with LED for digital PNP-signals 24 V DC

## **Link to Product**

## Illustration





Product may differ from Image



Commercial data	
ECLASS-6.0	27279219
ECLASS-6.1	27279219
ECLASS-7.0	27279219
ECLASS-8.0	27279219
ECLASS-9.0	27440108
ECLASS-10.1	27440108
ECLASS-11.1	27440108
ECLASS-12.0	27440108
ETIM-5.0	EC002585
customs tariff number	85369010
GTIN	4048879064569
Packaging unit	1
Electrical data   Supply	
Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V
Current operating per contact max.	4 A

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: 2024-05-05



stay connected

Total current max.	8 A
Industrial communication	
Number of signals per port	1
Installation   Connection	
·	0.001
Tightening torque	0,6 Nm M12 x 1
Mounting set	MIZXI
Device protection   Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67
Additional condition protection degree	inserted, screwed
Device protection   Media	
Flame resistance	flame retardant
Mechanical data   Material data	
Material housing	PBT
Mechanical data   Mounting data	
Height	150 mm
Width	50,2 mm
Depth	17 mm
Environmental characteristics   Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	80 °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
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires Conductor crosssection (wire)	0,15 mm 0,34 mm <sup>2</sup>



stay connected

Family construction form M12 Gender female Color contact carrier black Coding A	Material conductor wire	Stranded copper wire, bare
Tower speed (C-track)   3	Conductor type (wire)	Strand class 5
Material vive insulation (Power)	Traversing distance (C-track)	5 m @ 25 °C
Material vive insulation (Power)	Travel speed (C-track)	3
Outer diameter wire insulation (Power)         1,8 mm           Tolerance outer diameter wire insulation (Power)         45 %           Shore hardness wire insulation (Power)         45 %           Material properties were insulation (Power)         43 ±5 Shore D           Manterial properties were insulation (Power)         Input description (Power)           Jammater of angle wires (Power)         0,2 mm           Wire conductor ross section (Power)         0,75 mm²           Wire conductor type wire (Power)         Strand class 5           Max. rated voitage (conductor - conductor)         300 V           Lument load capacity (standard)         to DNI VDE 0288-4           Current load capacity (standard)         to DNI VDE 0288-4           Loop resistance         7,8 A           Electrical resistance line constant viere         57 Ωkm @ 20 °C           Electrical resistance coating viere (Power)         2 NW @ 60 s           Power frequency withstand voitage (viere - wire)         2 kW @ 60 s           Power frequency withstand voitage (viere - wire)         3 °C           AC withstand voitage (viere - wire)         3 °C           Coperating temperature (fixed)         80 °C           Coperating temperature max. (dynamic)         70 °C           Flame resistance         UL 1581 § 1090   IEC 60332-2 2   UL 1581 § 1100 FT2 <td></td> <td>PVC</td>		PVC
Tolerance outer diameter wire insulation (Power) Shore hardness wire insulation (Power) Material properties wire insulation (Power) Ingredient Interness wire insulation (Power) Material properties wire insulation (Power) Material properties wire insulation (Power) Amount arrands wire (Power) Amount arrands wire (Power) Dameter of single wires (Power) Wire conductor coass section (Power) Wire conductor oxoss section (Power) Wire conductor wire (Power) Stranded copper wire, barre Conductor by pew internet (Power) Max. rated voltage (conductor - conductory) Unrent load capacity vitiandard) Unrent load capacity vitiandard voltage (wire - vice) Power frequency withstand voltage (wire - vice) Power frequency withs		1,8 mm
Material properties wire insulation (Power) Ingredient freeness wire insulation (Power)         good machinability           Ingredient freeness wire insulation (Power)         24           Annount stands wire (Power)         0.2 mm           Wire conductor cross section (Power)         0.75 mm²           Material conductor wire (Power)         Stranded copper wire, bare           Conductor type were (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 (wire wire)         7.8 A           Electrical resistance line constant wire         57.0 km @ 20 °C           Electrical resistance votaing wire (Power)         28 kW @ 60 s           AC withstand voltage (wire- wire)         2 kV @ 60 s           Min. operating temperature (fixed)         30 °C           Max. operating temperature (fixed)         30 °C           Max. operating temperature (fixed)         40 °C           Operating temperature min. (dynamic)         70 °C           Chair resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Bending radius (fixed)         5 x Outer diamet		±5 %
Ingredient freeness wire insulation (Power)         lead free, cadmium-free, CFC-free, silicone-free           Amount sirands wire (Power)         24           Damaler of single wires (Power)         0,2 mm           Wire conductor cross section (Power)         5 randed copper wire, bare           Oncludior by were (Power)         Strand class 5           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)         57 Ω/km @ 20 °C           Electrical resistance line constant wire         57 Ω/km @ 20 °C           Electrical resistance coasing wire (Power)         26 Ω/km @ 20 °C           AC withstand voltage (wire - wire toquency with toquency	Shore hardness wire insulation (Power)	43±5 Shore D
Ingredient freeness wire insulation (Power)         lead free, cadmium-free, CFC-free, silicone-free           Amount sirands wire (Power)         24           Damaler of single wires (Power)         0,2 mm           Wire conductor cross section (Power)         5 randed copper wire, bare           Oncludior by were (Power)         Strand class 5           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)         57 Ω/km @ 20 °C           Electrical resistance line constant wire         57 Ω/km @ 20 °C           Electrical resistance coasing wire (Power)         26 Ω/km @ 20 °C           AC withstand voltage (wire - wire toquency with toquency	Material properties wire insulation (Power)	good machinability
Diameter of single wires (Power)         0.2 mm           Wire conductor cross section (Power)         0.75 mm³           Max rated voltage (conductor vire (Power)         Strand class 5           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 (standard)         57 D/km @ 20 °C           Electrical resistance line constant wire         4 A           Electrical resistance coating wire (Power)         26 D/km @ 20 °C           CA Withstand voltage (wire - wire)         26 D/km @ 20 °C           Power frequency withstand voltage (wire - wire)         24 V @ 60 s           Power frequency withstand voltage (wire - wire)         24 V @ 60 s           Power frequency withstand voltage (wire - wire)         24 V @ 60 s           Power frequency withstand voltage (wire - wire)         24 V @ 60 s           Power frequency withstand voltage (wire - wire)         24 V @ 60 s           Power frequency withstand voltage (wire - wire)         24 V @ 60 s           Good, application (standard)         20 °C           Max. operating temperature max. (dynamic)         70 °C           Flame resistance <th< td=""><td>Ingredient freeness wire insulation (Power)</td><td>lead-free, cadmium-free, CFC-free, silicone-free</td></th<>	Ingredient freeness wire insulation (Power)	lead-free, cadmium-free, CFC-free, silicone-free
Wire conductor cross section (Power)         0,75 mm²           Materiai 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 min. wire         4 A           Loop resistance         7,8 A           Electrical resistance ine constant wire         57 Okm @ 20 °C           Electrical resistance coating wire (Power)         26 Okm @ 20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - piacket)         30 °C           Min. operating temperature (fixed)         80 °C           Max. operating temperature (fixed)         80 °C           Operating temperature max. (dynamic)         70 °C           Pland resistance         U. 1581 § 1090   IEC 60332-2-2   U. 1591 § 1100 FT2           chemical resistance         Good, application-related testing           Ol resistance         Good, application-related testing           Pome	Amount strands wire (Power)	24
Wire conductor cross section (Power)         0,75 mm²           Materiai 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 min. wire         4 A           Loop resistance         7,8 A           Electrical resistance ine constant wire         57 Okm @ 20 °C           Electrical resistance coating wire (Power)         26 Okm @ 20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - piacket)         30 °C           Min. operating temperature (fixed)         80 °C           Max. operating temperature (fixed)         80 °C           Operating temperature max. (dynamic)         70 °C           Pland resistance         U. 1581 § 1090   IEC 60332-2-2   U. 1591 § 1100 FT2           chemical resistance         Good, application-related testing           Ol resistance         Good, application-related testing           Pome	Diameter of single wires (Power)	0.2 mm
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)         100 NV PC           Current load capacity (standard)         10 DIN VDE 0298-4           Current load capacity min. wire         4 A           Loop resistance         7.8 A           Electrical resistance constant wire         57 Ωkm @ 20 °C           Electrical resistance line constant wire         26 Ωkm @ 20 °C           AC 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 (fixed)         80 °C           Operating temperature max. (Aynamic)         70 °C           Flame resistance         UL 1581 § 1090   EC 60332-2-2   UL 1581 § 1100 FT2           chemical resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Oli resistance         Good, application-related testing           Garding radius (fixed)         5 x Outer diameter           Bending radius (fixed)         5 x Outer diameter           T		
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           Electrical resistance coating wire (Power)         26 Ω/km @ 20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - lacket)         2 kV @ 60 s           Min. operating temperature (static)         30 °C           Max. operating temperature (static)         30 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature min. (dynamic)         70 °C           Flamer resistance         Good, application-related testing           Cli resistance         Good, application-related testing           Gli resistance         Good, application-related testing           Cli resistance         Good, application-related testing           Bending radius (fixed)         5 x Outer diameter           Bending radius (fixed) <td></td> <td>Stranded copper wire, bare</td>		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 (standard)         to DIN VDE 0298-4           Current load capacity (standard)         7.8 A           Loop resistance         7.8 A           Electrical resistance line constant wite         57 Ω/km @ 20 °C           Electrical resistance coating wire (Power)         2 £0 Ω/km @ 20 °C           AC withstand voltage (wire - wire)         2 £V @ 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           Min. operating temperature (fixed)         80 °C           Operating temperature max. (dynamic)         75 °C           Operating temperature max. (dynamic)         70 °C           Flame resistance         Good, application-related testing           Oil resistance         Good, application-related testing           Cor		
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 inconstant wire         57 O/km @ 20 °C           Electrical resistance inconstant wire         2 RV @ 60 s           Electrical resistance coating wire (Power)         2 RV @ 60 s           Power frequency withstand voltage (wire - isoket)         2 RV @ 60 s           Min. operating temperature (static)         -30 °C           Max. operating temperature (fixed)         80 °C           Operating temperature min. (dynamic)         70 °C           Operating temperature max. (dynamic)         70 °C           Flame resistance         Good, application-related testing           Casoline resistance         Good, application-related testing           Cli resistance         Good, application-related testing           Cli resistance         Good, application-related testing   DIN EN 60811-404           Bending radius (fixed)         5 x Outer diameter           Bending radius (fixed)         5 x Outer diameter           Tavel speed (C-track)         2 No. oter diameter           Family construction form         free cable end           Color contact carrier	, ,	
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 - jacket)         30 °C           Min. operating temperature (static)         -30 °C           Min. operating temperature (fixed)         80 °C           Operating temperature (fixed)         80 °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           Coll resistance         Good, application-related testing           Oil resistance         Good, application-related testing   DIN EN 60811-404           Bending radius (fixed)         5 × Outer diameter           Travel speed (C-track)         2 Mio. @ 25 °C           Connection type 2           Family construction form         free cable end           Color contact carrier         gray           No. of poles         11           Family constr		
Curent 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 - wire)         2 kV @ 60 s           Min. operating temperature (static)         -30 °C           Max. operating temperature (fixed)         80 °C           Operating temperature (fixed)         80 °C           Operating temperature (will, dynamic)         70 °C           Flame resistance         UL 1581 § 1909   IEC 60332-2-2   UL 1581 § 1100 FT2           themical resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Oil resistance         Good, application-related testing           Fending radius (fixed)         5 × Outer diameter           Travel speed (C-track)         2 kline, @ 25 °C           Connection typ		
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           Max. 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 § 1909   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           Bending radius (fixed)         5 x Outer diameter           Travel speed (C-track)         2 Mio. @ 25 °C           Color contact carrier           Family construction form         free cable end           Color contact carrier         female           Cooling         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)         3 kV @ 60 s           Min. operating temperature (static)         30 °C           Min. 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           Oil resistance         Good, application-related testing           Dividence         S × 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           Color contact carrier         gray           No. of poles         1           Family constructi		
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 min. (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           Garding radius (fixed)         5 x Outer diameter           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         Femily construction form         free cable end           Color contact carrier         gray           No. of poles         11           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles	· · · · · · · · · · · · · · · · · · ·	·
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) 10 x Outer diameter  Travel speed (C-track) 2 Mio. @ 25 °C  Connection type 2  Family construction form free cable end  Color contact carrier gray  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		
Power frequency withstand voltage (wire - jacket)         2 kV @ 60 s           jacket)         30 °C           Max. operating temperature (static)         80 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature max. (dynamic)         70 °C           Flame resistance         UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2           chemical resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Oil resistance         Good, application-related testing   DIN EN 60811-404           Bending radius (fixed)         5 x Outer diameter           Bending radius (dynamic)         10 x Outer diameter           Travel speed (C-track)         2 Mio. @ 25 °C           Connection type 2         Family construction form           Family construction form         free cable end           Color contact carrier         gray           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.		
Act		
Max. operating temperature (fixed)         80 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature max. (dynamic)         70 °C           Flame resistance         UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2           chemical resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing   DIN EN 60811-404           Bending radius (fixed)         5 x Outer diameter           Bending radius (dynamic)         10 x Outer diameter           Travel speed (C-track)         2 Mio. @ 25 °C           Connection type 2           Family construction form         free cable end           Color contact carrier         gray           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	jacket)	
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 × Outer diameter           Bending radius (dynamic)         10 × Outer diameter           Travel speed (C-track)         2 Mio. @ 25 °C           Connection type 2         Emily construction form           Family construction form         free cable end           Color contact carrier         gray           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 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 Color contact carrier gray 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           chemical resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Oil resistance         Good, application-related testing   DIN EN 60811-404           Bending radius (fixed)         5 x Outer diameter           Bending radius (dynamic)         10 x Outer diameter           Travel speed (C-track)         2 Mio. @ 25 °C           Connection type 2         Family construction form           Family construction form         free cable end           Color contact carrier         gray           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           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           Color contact carrier         gray           No. of poles         11           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         4           PIN 1         +           PIN 2         n.c.           PIN 3         -           PIN 4         NO S 1		
Gasoline resistance Good, application-related testing 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 Color contact carrier gray 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	
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           Color contact carrier         gray           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	
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  Color contact carrier gray  No. of poles 11  Family construction form M12  Gender female  Color contact carrier black  Coding A  No. of poles 4  PIN 1 +  PIN 2 n.c.  PIN 3 -  PIN 4 NO S 1	Gasoline resistance	
Bending radius (dynamic)         10 x Outer diameter           Travel speed (C-track)         2 Mio. @ 25 °C           Connection type 2           Family construction form         free cable end           Color contact carrier         gray           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
Travel speed (C-track)         2 Mio. @ 25 °C           Connection type 2           Family construction form         free cable end           Color contact carrier         gray           No. of poles         11           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         4           PIN 1         +           PIN 2         n.c.           PIN 3         -           PIN 4         NO S 1	Bending radius (fixed)	5 x Outer diameter
Connection type 2           Family construction form         free cable end           Color contact carrier         gray           No. of poles         11           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         4           PIN 1         +           PIN 2         n.c.           PIN 3         -           PIN 4         NO S 1	Bending radius (dynamic)	10 x Outer diameter
Family construction form         free cable end           Color contact carrier         gray           No. of poles         11           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         4           PIN 1         +           PIN 2         n.c.           PIN 3         -           PIN 4         NO S 1	Travel speed (C-track)	2 Mio. @ 25 °C
Color contact carrier         gray           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	
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	Color contact carrier	gray
Gender         female           Color contact carrier         black           Coding         A           No. of poles         4           PIN 1         +           PIN 2         n.c.           PIN 3         -           PIN 4         NO S 1	No. of poles	11
Color contact carrier         black           Coding         A           No. of poles         4           PIN 1         +           PIN 2         n.c.           PIN 3         -           PIN 4         NO S 1	Family construction form	M12
Coding         A           No. of poles         4           PIN 1         +           PIN 2         n.c.           PIN 3         -           PIN 4         NO S 1	Gender	female
No. of poles         4           PIN 1         +           PIN 2         n.c.           PIN 3         -           PIN 4         NO S 1	Color contact carrier	black
PIN 1       +         PIN 2       n.c.         PIN 3       -         PIN 4       NO S 1	Coding	A
PIN 2         n.c.           PIN 3         -           PIN 4         NO S 1	No. of poles	4
PIN 3         -           PIN 4         NO S 1	PIN 1	+
PIN 3         -           PIN 4         NO S 1	PIN 2	n.c.
PIN 4 NO S 1		-
	PIN 4	NO S 1
	PIN 5	PE