

MVP-METALL, 4XM12, 5POLE, PRE-WIRED CABLE

10.0m PUR 8x0,34+3X0.75, UL/CSA

Art.No.: 8000-54513-3731000

Weight: 1.58

Country of origin: CZ

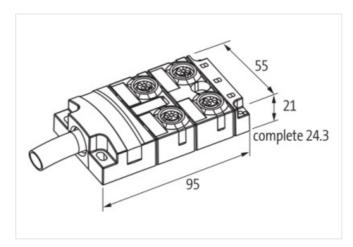
Model designation: MVP12M-AN4F 373 10.0

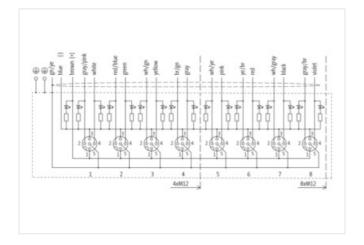
4-way, 5-pole shielded with LED for digital PNP-signals 24 V DC Further cable lengths on request.

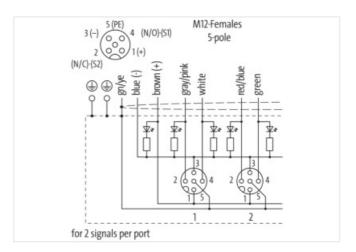
Link to Product

Illustration



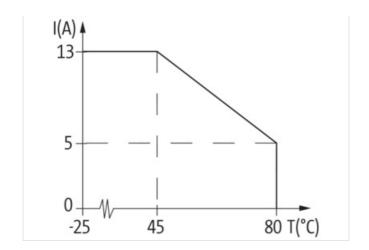


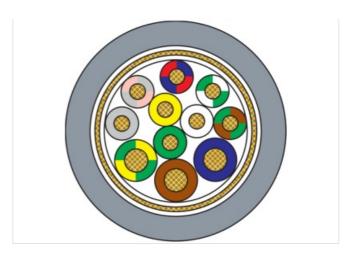


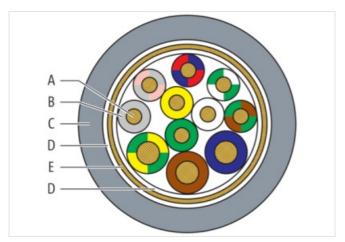


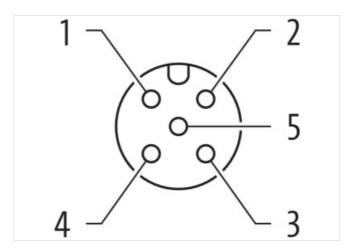


stay connected









Product may differ from Image











Header	
Material short text	MVP12M-AN4F 373 10.0
Commercial data	
URL Webshop	https://shop.murrelektronik.com/8000-54513-3731000
GTIN	4048879351096
ECLASS-6.0	27279219
ECLASS-6.1	27279219
ECLASS-7.0	27279219
ECLASS-7.1	27279219
ECLASS-8.0	27279219
ECLASS-8.1	27279219
ECLASS-9.0	27440108
ECLASS-9.1	27440108
ECLASS-10.0.1	27440108
ECLASS-10.1	27440108
ECLASS-11.0	27440108
ECLASS-11.1	27440108
ECLASS-12.0	27440108



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ECLASS-13.0	27440108
ECLASS-14.0	27440108
ETIM-5.0	EC002585
ETIM-6.0	EC002585
ETIM-7.0	EC002585
ETIM-8.0	EC002585
customs tariff number	85444290
EAN	4048879351096
Packaging unit	1
Electrical data Supply	
Operating voltage DC	24 V
Current operating per contact max.	4 A
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP67, IP68, IP65
Mechanical data Material data	- , - 2, 11 ==
·	Ting dia pagting
Material housing	Zinc die-casting Nickeled
Coating housing	Nickeled
Mechanical data Mounting data	
Mounting method	Schraubgewinde
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	90 °C
Additional condition temperature range	depending on cable quality
Installation Cable	
Cable identification	373
Cable Type	3
Function cable	Hybrid, Signal, Power
Amount stranding	1
Stranding	Wires
Amount stranding (type 2)	1
Stranding (type 2)	Wires
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	80 %
Banding	Fleece
Wire arrangement	yellow, white, green, (, gray, gray-pink, red-blue, green-white, brown-green, blue, brown, green-yellow,)
Cable weigth	132 g/m
Material wire insulation	PP
Amount wires	
	8
Outer diameter insulation	8 1.3 mm
Outer diameter insulation	1.3 mm
Outer diameter insulation Outer diameter tolerance core insulation	1.3 mm ± 0.05 mm
Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation	1.3 mm ± 0.05 mm 55
Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation	1.3 mm ± 0.05 mm 55 LABS-free, CFC-free, silicone-free, halogen-free
Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire)	1.3 mm ± 0.05 mm 55 LABS-free, CFC-free, silicone-free, halogen-free, lead-free 42
Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires	1.3 mm ± 0.05 mm 55 LABS-free, CFC-free, silicone-free, halogen-free 42 0.1 mm
Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire)	1.3 mm ± 0.05 mm 55 LABS-free, CFC-free, silicone-free, halogen-free, lead-free 42 0.1 mm 0.34 mm²
Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire	1.3 mm ± 0.05 mm 55 LABS-free, CFC-free, silicone-free, halogen-free 42 0.1 mm 0.34 mm² Stranded copper wire, bare



Spron tarrithoses wire insulation (type 3) 55	Tolerance outer diameter wire insulation (type 3)	± 0.1 mm
Amount stands wire (type 3) 96 Damaleter of single wires (type 3) 0.1 mm Wire conductor cross section (type 3) 0.75 mm² Wire conductor cross section (type 3) 0.75 mm² Material conductor wire (type 3) Stranded copper wire, bare Conductor type wire (type 3) strand class 6 Outer-diameter (jackwi) 9.3 mm Toleramee user diameter (sheath) ± 5 % Material jacket PUR Shore hardness packot 65 Freedom from impredients (jacket) CFC free, cadmium free, silicone free, halogen free, lead-free Material property (jacket) mate, good machinability, abrasion-resistant, low adhesion Conductor resistance (wire) 55 QKm @ 20 °C Conductor resistance (wire) 96 30 QKm @ 20 °C Conductor resistance (wire) 75 QKm @ 20 °C Conductor resistance (wire) 75 QKm @ 20 °C Conductor resistance (wire) 75 QKm @ 20 °C Max. rated voltage (conductor - conductor) 75 QV Winstand voltage (conductor - conductor) 75 QV Winstand voltage (wire - sinket) 2 kV @ 60 s Withstand voltage (wire - sinket) 12 kV @ 60 s Withstand voltage (wire - sinket) 12 kV @ 60 s Withstand voltage (wire - sinket) 12 kV @ 60 s Withstand voltage (wire - sinket) 12 kV @ 60 s Withstand voltage (wire - sinket) 12 kV @ 60 s Withstand voltage (wire - sinket) 12 kV @ 60 s Withstand voltage (wire - sinket) 12 kV @ 60 s Withstand voltage (wire - sinket) 10 kV DE 0298-4 Current load capacity min. wire (type 3) 12 kV @ 60 s Withstand voltage (vire - sinket) 10 kV DE 0298-4 Current load capacity min. wire (type 3) 10 kV DE 0298-4 Current load capacity min. wire (type 3) 10 kV DE 0298-4 Current load capacity min. wire (type 3) 10 kV DE 0298-4 Current load capacity min. wire (type 3) 10 kV DE 0298-4 Current load capacity min. wire (type 3) 10 kV DE 0298-4 Current load capacity min. wire (type 3) 10 kV DE 0298-4 Current load capacity min. wire (type 3) 10 kV DE 0298-4 Current load capacity min. wire (type 3) 10 kV DE 0298-4 Current load capacity min. wire (type 3) 10 kV DE 0298-4 Current load capacity min. wire (type 3) 10 kV DE 0298-4 Current load capacity min	Shore hardness wire insulation (type 3)	55
Amount strands wire (type 3) 96	Ingredient freeness wire insulation (type 3)	LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free
Diameter of single wires (type 3) 0.1 mm	Amount wires (type 3)	3
Wire conductor cross section (type 3) 0.76 mm² Material conductor wire (type 3) Stranded copper wire, bare Conductor type wire (type 3) strand class 6 Coulser-Gameter (jacket) 9.3 mm Tolerance outer diameter (jacket) 9.3 mm Afterial jacket PUR Shore hardness jacket 85 Freedom from ingredients (jacket) matte, good machinability, abrasion-resistant, low adhesion Conductor resistance (wire) 53 Qkm @ 20 °C Conductor resistance (wire) 53 Qkm @ 20 °C Max. rated voltage (conductor - ground) 300 V Max. rated voltage (conductor - conductor) 500 V Withstand voltage (wire - wire) 2 kV @ 60 s Withstand voltage (wire - sinibid) 2 kV @ 60 s Current load capacity min. wire 4 A Current load capacity feathards 1 40 °C Max. operating temperature (sixet) 40 °C Max. operating temperature (sixet) 40 °C Operating temperature (sixet) 10 x Outer diameter Bending radius (fixed) 10 x Outer diameter Bending radius (fixed) 10 x Outer diameter	Amount strands wire (type 3)	96
Material conductor wire (type 3) Stranded copper wire, bare	Diameter of single wires (type 3)	0.1 mm
Conductor type wire (type 3)	Wire conductor cross section (type 3)	0.75 mm ²
Outer-diameter (jacket) 9.3 mm Tolerance outer diameter (sheath) ± 5 % Matarial jacket PUR Shore hardness jacket 85 Freedom from ingredients (jacket) mate, good machinability, abrasion-resistant, low adhesion Conductor resistance (wire) 53 Ω/km @ 20 °C Conductor resistance (wire) 53 Ω/km @ 20 °C Conductor resistance (wire) 53 Ω/km @ 20 °C Max. rater voltage (conductor - cronductor) 500 V Max. rater voltage (conductor - cronductor) 500 V Withstand voltage (wire - wire) 2 kV @ 60 s Withstand voltage (wire - shield) 2 kV @ 60 s Withstand voltage (wire - shield) 2 kV @ 60 s Current load capacity min. wire (kpc 3) 12 A A Current load capacity min. wire (kpc 3) 12 A Min. operating temperature (fixed) 90 °C Operating temperature (fixed) 90 °C Operating temperature min. (dynamic) 40 °C Operating temperature min. (dynamic) 90 °C Operating temperature min. (dynamic) 12 ° Outer diameter Bending radius (fixed) 10 ° C outer diameter </td <td>Material conductor wire (type 3)</td> <td>Stranded copper wire, bare</td>	Material conductor wire (type 3)	Stranded copper wire, bare
Tolerance outer diameter (sheath)	Conductor type wire (type 3)	strand class 6
Material jacket PUR Shore hardness jacket 85 Freedom from gredients (jacket) CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Material property (jacket) matte, good machinability, abrasion-resistant, low adhesion Conductor resistance (wire type 3) 25 Ω/km @ 20 °C Onductor resistance (wire type 3) 25 Ω/km @ 20 °C Max. rated voltage (conductor - ground) 300 V Max. rated voltage (conductor - conductor) 500 V Withstand voltage (wire - wire) 2 kV @ 60 s Withstand voltage (wire - sheld) 2 kV @ 60 s Withstand voltage (wire - sheld) 2 kV @ 60 s Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Current carrying capacity min. wire (type 3) 12 A Min. operating temperature (fixed) 90 °C Operating temperature max. (dynamic) 40 °C Operating temperature max. (dynamic) 90 °C Bending radius (fixed) 10 × Outer diameter Bending radius (fixed) 10 × Outer diameter Rending radius (dynamic) 12 × Outer diameter No. of po	Outer-diameter (jacket)	9.3 mm
Shore hardness jacket 85 Freedom from ingredients (jacket) CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Material properly (jacket) matte, good machinability, abrasion-resistant, low adhesion	Tolerance outer diameter (sheath)	± 5 %
Freedom from ingredients (jacket) CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Material property (jacket) matte, good machinability, abrasion-resistant, low adhesion Conductor resistance (wire) 53 Okm @ 20 °C Max. rated voltage (conductor - ground) 300 V Max. rated voltage (conductor - conductor) 500 V Withstand voltage (wire - wire) 2 kV @ 60 s Withstand voltage (wire - shield) 2 kV @ 60 s Withstand voltage (wire - shield) 2 kV @ 60 s Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (min. wire 4 A Current load capacity (min. wire (typs 3) 12 A Min. operating temperature (fixed) 90 °C Operating temperature (fixed) 90 °C Operating temperature (fixed) 90 °C Deparating temperature (fixed) 10 × Outer diameter Bending radius (fixed) 10 × Outer diameter Bending radius (fixed) 10 × Outer diameter Bending radius (fixed) 12 × Outer diameter No. of bending stance (C-track) 5 Mio. @ 25 °C Traversing distance (C-track) 5 mio² @ 25 °C <	Material jacket	PUR
Material property (jacket) mattle, good machinability, abrasion-resistant, low adhesion Conductor resistance (wire) 53 Ω/km @ 20 °C Conductor resistance (wire ype 3) 26 Ω/km @ 20 °C Max. rated voltage (conductor - ground) 300 V Max. rated voltage (conductor - conductor) 500 V Withstand voltage (wire - wire) 2 kV @ 60 s Withstand voltage (wire - shield) 2 kV @ 60 s Withstand voltage (wire - shield) 2 kV @ 60 s Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Current load capacity min. wire (type 3) 12 A Min. operating temperature (fixed) 90 °C Operating temperature (fixed) 90 °C Operating temperature max. (dynamic) 90 °C Operating temperature max. (dynamic) 10 × Outer diameter Bending radius (fixed) 10 × Outer diameter Bending radius (fixed) 10 × Outer diameter Rending cycles (C-track) 5 Mio. @ 25 °C Travel speed (C-track) 1 8 m @ 25 °C Travel speed (C-track) 5 m/s ° 25 °C Connection type 2 5 <td>Shore hardness jacket</td> <td>85</td>	Shore hardness jacket	85
Conductor resistance (wire) 53 Ω/km @ 20 °C Conductor resistance (wire type 3) 26 Ω/km @ 20 °C Max. rated voltage (conductor - ground) 300 V Max. rated voltage (conductor - conductor) 500 V Withstand voltage (wire - wire) 2 kV @ 60 s Withstand voltage (wire - sheld) 2 kV @ 60 s Withstand voltage (wire - sheld) 2 kV @ 60 s Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Current carrying capacity min. wire (type 3) 12 A Max. operating temperature (static) 40 °C Max. operating temperature (fixed) 90 °C Operating temperature max. (dynamic) 40 °C Operating temperature max. (dynamic) 10 × Outer diameter Bending radius (fixed) 10 × Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C Traver sing distance (C-track) 1.8 m @ 25 °C Traver sing distance (C-track) 5 m/s @ 25 °C Concection type 2 Family construction form free cable end No. of poles 5 Coding A <td>Freedom from ingredients (jacket)</td> <td>CFC-free, cadmium-free, silicone-free, halogen-free, lead-free</td>	Freedom from ingredients (jacket)	CFC-free, cadmium-free, silicone-free, halogen-free, lead-free
Conductor resistance (wire type 3) 26 Ω/km @ 20 °C Max. rated voltage (conductor - ground) 300 V Max. rated voltage (conductor - conductor) 500 V Withstand voltage (wire - wire) 2 kV @ 60 s Withstand voltage (wire - shield) 2 kV @ 60 s Withstand voltage (wire - shield) 2 kV @ 60 s Current load capacity (standard) 10 DIN VDE 0298-4 Current carrying capacity min. wire 4 A Current carrying capacity min. wire (type 3) 12 A Min. operating temperature (static) 40 °C Max. operating temperature (ikeed) 90 °C Operating temperature min. (dynamic) -40 °C Operating temperature max. (dynamic) 90 °C Operating temperature max. (dynamic) 10 × Outer diameter Bending radius (dynamic) 12 × Outer diameter Bending radius (dynamic) 12 × Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C Travel speed (C-track) 1.8 m @ 25 °C Acceleration (C-track) 5 m/s² @ 25 °C Connection type 2 Family construction form M12 No. of poles 5	Material property (jacket)	matte, good machinability, abrasion-resistant, low adhesion
Max. rated voltage (conductor - ground) 300 V Max. rated voltage (conductor - conductor) 500 V Withstand voltage (wire - wire) 2 kV Ø 60 s Withstand voltage (wire - shield) 2 kV Ø 60 s Withstand voltage (wire - shield) 2 kV Ø 60 s Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire (ype 3) 12 A Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 90 °C Operating temperature min. (dynamic) 90 °C Operating temperature min. (dynamic) 90 °C Operating temperature max. (dynamic) 90 °C Bending radius (fixed) 10 × Outer diameter Bending radius (fixed) 12 × Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C Traversing distance (C-track) 1.8 m @ 25 °C Traversing distance (C-track) 2 m's @ 25 °C Acceleration (C-track) 5 m's @ 25 °C Family construction form free cable end No. of poles 16 Family construction form M12 No of poles <	Conductor resistance (wire)	53 Ω/km @ 20 °C
Max. rated voltage (conductor - conductor) 500 V Withstand voltage (wire - wire) 2 kV @ 60 s Withstand voltage (wire - jacket) 2 kV @ 60 s Withstand voltage (wire - shield) 2 kV @ 60 s Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire (by a) 12 A Min. operating temperature (static) 40 °C Max. operating temperature (fixed) 90 °C Operating temperature max. (dynamic) 90 °C Bending radius (fixed) 10 × Outer diameter Bending radius (dynamic) 12 × Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C Traversing distance (C-track) 1.8 m @ 25 °C Travel speed (C-track) 2 m/s @ 25 °C Acceleration (C-track) 5 m/s @ 25 °C Connection type 2 Family construction form free cable end No. of poles 16 Family construction form M12 No. of poles 5 Coding A Gender female Cotor contact carrier black PIN 1	Conductor resistance (wire type 3)	26 Ω/km @ 20 °C
Withstand voltage (wire - wire) 2 kV @ 60 s Withstand voltage (wire - jacket) 2 kV @ 60 s Withstand voltage (wire - shield) 2 kV @ 60 s Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Current carrying capacity min. wire (type 3) 12 A Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 90 °C Operating temperature mix. (dynamic) -40 °C Operating temperature max. (dynamic) 90 °C Bending radius (fixed) 10 × Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C Traversing distance (C-track) 5 Mio. @ 25 °C Travels speed (C-track) 1.8 m @ 25 °C Travels speed (C-track) 5 m/s @ 25 °C Connection type 2 Family construction form free cable end No. of poles 16 Family construction form M12 No. of poles 5 Coding A Gender female Color contact carrier black PIN 1	Max. rated voltage (conductor - ground)	300 V
Withstand voltage (wire - shield) 2 kV @ 60 s Withstand voltage (wire - shield) 2 kV @ 60 s Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Current carrying capacity min. wire (type 3) 12 A Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 90 °C Operating temperature min. (dynamic) -40 °C Operating temperature max. (dynamic) 10 × Outer diameter Bending radius (fixed) 10 × Outer diameter Bending radius (dynamic) 12 × Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C Traversing distance (C-track) 1.8 m @ 25 °C Travel speed (C-track) 5 m/s* @ 25 °C Acceleration (C-track) 5 m/s* @ 25 °C Connection type 2 Family construction form free cable end No. of poles 16 Family construction form M12 No. of poles 5 Coding A Gender female Color contact carrier black P	Max. rated voltage (conductor - conductor)	500 V
Withstand voltage (wire - shield) 2 kV @ 60 s Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Current carrying capacity min. wire (type 3) 12 A Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 90 °C Operating temperature min. (dynamic) -40 °C Operating temperature max. (dynamic) 90 °C Operating temperature max. (dynamic) 10 × Outer diameter Bending radius (fixed) 10 × Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C Traversing distance (C-track) 5 Mio. @ 25 °C Travel speed (C-track) 2 m/s @ 25 °C Connection (C-track) 5 m/s² @ 25 °C Connection (C-track) 5 m/s² @ 25 °C Connection (poles 16 Family construction form free cable end No. of poles 5 Coding A Gender female Color contact carrier black PIN 1 * PIN 2 NC S 2	Withstand voltage (wire - wire)	2 kV @ 60 s
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Current carrying capacity min. wire (type 3) 12 A Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 90 °C Operating temperature min. (dynamic) -40 °C Operating temperature max. (dynamic) 90 °C Bending radius (fixed) 10 × Outer diameter Bending radius (dynamic) 12 × Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C Traverlag distance (C-track) 1.8 m @ 25 °C Travel speed (C-track) 2 m/s @ 25 °C Acceleration (C-track) 5 m/s² @ 25 °C Connection type 2 Family construction form free cable end No. of poles 16 Family construction form M12 No. of poles 5 Coding A Gender female Color contact carrier black PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S	Withstand voltage (wire - jacket)	2 kV @ 60 s
Current load capacity min. wire 4 A Current carrying capacity min. wire (type 3) 12 A Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 90 °C Operating temperature min. (dynamic) -40 °C Operating temperature max. (dynamic) 90 °C Bending radius (fixed) 10 × Outer diameter Bending radius (dynamic) 12 × Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C Traversing distance (C-track) 1.8 m @ 25 °C Travel speed (C-track) 2 m/s @ 25 °C Acceleration (C-track) 5 m/s² @ 25 °C Connection type 2 Family construction form Family construction form free cable end No. of poles 16 Family construction form M12 No. of poles 5 Coding A Gender female Color contact carrier black PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Withstand voltage (wire - shield)	2 kV @ 60 s
Current carrying capacity min. wire (type 3) 12 A Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 90 °C Operating temperature min. (dynamic) -40 °C Operating temperature max. (dynamic) 90 °C Bending radius (fixed) 10 × Outer diameter Bending radius (dynamic) 12 × Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C Traversing distance (C-track) 1.8 m @ 25 °C Travel speed (C-track) 2 m/s @ 25 °C Acceleration (C-track) 5 m/s² @ 25 °C Connection type 2 Family construction form Family construction form free cable end No. of poles 16 Family construction form M12 No. of poles 5 Coding A Gender female Color contact carrier black PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Current load capacity (standard)	to DIN VDE 0298-4
Min. operating temperature (static) Max. operating temperature (fixed) 90 °C Operating temperature min. (dynamic) Operating temperature max. (dynamic) Bending radius (fixed) 10 × Outer diameter Bending radius (fixed) 112 × Outer diameter Bending radius (dynamic) 12 × Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C Traversing distance (C-track) 1.8 m @ 25 °C Travel speed (C-track) 2 m/s @ 25 °C Connection type 2 Family construction form free cable end No. of poles 16 Family construction form M12 No. of poles 5 Coding A Gender female Color contact carrier black PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Current load capacity min. wire	4 A
Max. operating temperature (fixed) 90 °C Operating temperature min. (dynamic) -40 °C Operating temperature max. (dynamic) 90 °C Bending radius (fixed) 10 × Outer diameter Bending radius (fixed) 12 × Outer diameter Bending radius (dynamic) 12 × Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C Traversing distance (C-track) 1.8 m @ 25 °C Traversing distance (C-track) 5 m/s² @ 25 °C Connection (C-track) 5 m/s² @ 25 °C Connection type 2 Family construction form free cable end No. of poles 16 Family construction form M12 No. of poles 5 Coding A Gender female Color contact carrier black PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Current carrying capacity min. wire (type 3)	12 A
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Sending radius (fixed) 10 × Outer diameter 12 × Outer diameter 12 × Outer diameter 12 × Outer diameter 13 × Outer diameter 14 × Outer diameter 15 × Outer diameter 16 × Outer diameter 17 × Outer diameter 18 × Outer diameter 18 × Outer diameter 18 × Outer diameter 19 × Outer diameter 19 × Outer diameter 10 × Outer diameter 10 × Outer diameter 10 × Outer diameter 11 × Outer diameter 11 × Outer diameter 11 × Outer diameter 11 × Outer diameter 12 × Outer diameter 13 × Outer diameter 14 × Outer diameter 18 × Outer diameter 19 × Outer diameter 19 × Outer diameter 19 × Outer diameter 19 × Outer diameter 10 × Oute	Min. operating temperature (static)	-40 °C
Operating temperature max. (dynamic) 90 °C Bending radius (fixed) 10 × Outer diameter Bending radius (dynamic) 12 × Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C Traversing distance (C-track) 1.8 m @ 25 °C Travel speed (C-track) 2 m/s @ 25 °C Acceleration (C-track) 5 m/s° @ 25 °C Connection type 2 Family construction form free cable end No. of poles 16 Family construction form M12 No. of poles 5 Coding A Gender female Color contact carrier black PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Max. operating temperature (fixed)	90 °C
Bending radius (fixed)	Operating temperature min. (dynamic)	-40 °C
Bending radius (dynamic)	Operating temperature max. (dynamic)	90 °C
No. of bending cycles (C-track) 5 Mio. @ 25 °C Traversing distance (C-track) 1.8 m @ 25 °C Travel speed (C-track) 2 m/s @ 25 °C Acceleration (C-track) 5 m/s² @ 25 °C Connection type 2 Family construction form Family construction form M12 No. of poles 5 Coding A Gender female Color contact carrier black PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Bending radius (fixed)	10 × Outer diameter
Traversing distance (C-track) 1.8 m @ 25 °C Travel speed (C-track) 2 m/s @ 25 °C Acceleration (C-track) 5 m/s² @ 25 °C Connection type 2 Family construction form Family construction form 16 Family construction form M12 No. of poles 5 Coding A Gender female Color contact carrier black PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Bending radius (dynamic)	12 × Outer diameter
Travel speed (C-track) 2 m/s @ 25 °C Acceleration (C-track) 5 m/s² @ 25 °C Connection type 2 Family construction form No. of poles 16 Family construction form M12 No. of poles 5 Coding A Gender female Color contact carrier black PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	No. of bending cycles (C-track)	5 Mio. @ 25 °C
Acceleration (C-track) 5 m/s² @ 25 °C Connection type 2 Family construction form free cable end No. of poles 16 Family construction form M12 No. of poles 5 Coding A Gender female Color contact carrier black PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Traversing distance (C-track)	1.8 m @ 25 °C
Connection type 2 Family construction form free cable end No. of poles 16 Family construction form M12 No. of poles 5 Coding A Gender female Color contact carrier black PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Travel speed (C-track)	2 m/s @ 25 °C
Family construction form free cable end No. of poles 16 Family construction form M12 No. of poles 5 Coding A Gender female Color contact carrier black PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Acceleration (C-track)	5 m/s² @ 25 °C
No. of poles 16 Family construction form M12 No. of poles 5 Coding A Gender female Color contact carrier black PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Connection type 2	
Family construction form M12 No. of poles 5 Coding A Gender female Color contact carrier black PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Family construction form	free cable end
No. of poles 5 Coding A Gender female Color contact carrier black PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	No. of poles	16
Coding A Gender female Color contact carrier black PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Family construction form	M12
Gender female Color contact carrier black PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	No. of poles	5
Color contact carrier black PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Coding	A
PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Gender	female
PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Color contact carrier	black
PIN 3 - 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