

CAP FOR D-BOX M128-WAY 5-POLE

No pot.-sep.30m PUR UL/CSA, 16x0,5+3x1,0

Art.No.: 8000-88559-4523000

Weight: 6.2

Country of origin: CZ

Model designation: MVZ-HL 8xM12 452 30.0m

30.0 m

Further cable lengths on request.

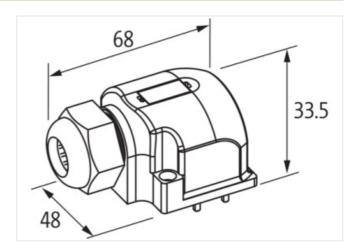
Plastic housings with good resistance against chemicals and oils.

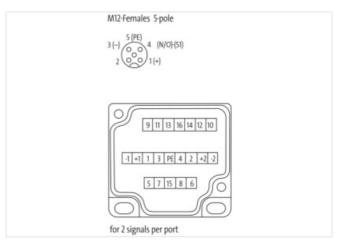
The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

Illustration







Product may differ from Image







Commercial data

URL Webshop https://shop.murrelektronik.com/8000-88559-4523000

GTIN 4048879053686



27143423 ECLASS-6.0 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 ECLASS-13.0 27440108 ECLASS-14.0 27440108 ETIM-5.0 EC002585 ETIM-6.0 EC002585 ETIM-7.0 EC002585 ETIM-8.0 EC002585 EAN 4048879053686 Electrical data | Supply Total current max. 8 A Device protection | Media Flame resistance flame retardant Mechanical data | Material data Plastic Material housing Environmental characteristics | Climatic Operating temperature min. -20 °C 70 °C Operating temperature max. Additional condition temperature range depending on cable quality Installation | Cable Function cable Hybrid, Signal, Power Amount stranding Stranding Wires Amount stranding (type 2) Stranding (type 2) Wires Banding Fleece Filler yes gray-pink, brown-green, yellow, green-white, green, red-blue, white, (, brown-gray, black, gray-white, red, Wire arrangement brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet,) Cable weigth 231 Material wire insulation PP Amount wires 16 Outer diameter insulation 1.6 mm Outer diameter tolerance core insulation ± 0.1 mm Shore hardness wire insulation 70 Ingredient freeness wire insulation LABS-free, CFC-free, silicone-free, halogen-free, lead-free Amount strands (wire) 64 Diameter of single wires 0.1 mm Conductor crosssection (wire) 0.5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6

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: 2025-07-13



| Duter diameter wire insulation (Power) | Material wire insulation (Power) | PP |
|--|---|---|
| Event 20.1 mm 20.1 | Outer diameter wire insulation (Power) | 2.1 mm |
| Ingredient freeness wire insulation (Power) LABS free, CFC free, cadmium-free, silicone free, halogen-free, lead-free Amount wires (Power) 128 | | ± 0.1 mm |
| Amount wires (Power) 3 Amount strands wire (Power) 128 Diameter of single wires (Power) 0.1 mm Wire conductor cross section (Power) 1 mm² Material conductor wire (Power) Stranded copper wire, bare Outer-diameter (jacket) 11.5 mm Tolerance outer diameter (jacket) 11.5 mm Tolerance outer diameter (jacket) 25 % Material power (Sheet) 25 % Shore hardness jacket 90 Freedom from ingredients (jacket) PUR Shore hardness jacket 90 Freedom from ingredients (jacket) 90 Material property (jacket) mate good machinability, abrasion-resistant, low adhesion Electrical resistance line constant wire 39 Ω/km @ 20 °C Electrical resistance coating wire (Power) 19.5 Ω/km @ 20 °C Max. rated vollage (conductor - conductor) 500 V Max. rated vollage (conductor - conductor) 500 V AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Current load capacity (standard) to Dil NVDE 0284-4 <tr< td=""><td>Shore hardness wire insulation (Power)</td><td>70</td></tr<> | Shore hardness wire insulation (Power) | 70 |
| Amount strands wire (Power) 128 Diameter of single wires (Power) 0.1 mm Wire conductor cross section (Power) 1 mm² Material conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) PUR Conductor (Stacket) PUR Conductor (Stacket) CPC- free, cadmium-free, halogen-free, lead-free Conductor (Stacket) CPC- free, cadmium-free, halogen-free, lead-free Celebrical resistance line constant wire 39 Ω/km @ 20 °C Celebrical resistance coating wire (Power) Stocket Celebrical resistance | Ingredient freeness wire insulation (Power) | LABS-free, CFC-free, cadmium-free, silicone-free, halogen-free, lead-free |
| Diameter of single wires (Power) 0.1 mm Wire conductor cross section (Power) 1 mm² Material conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) strand class 6 Outer-diameter (jacket) 11.5 mm Tolerance outer diameter (sheath) ± 5 % Material jacket PUR Shore hardness jacket 90 Freedom from ingredients (jacket) CFC-free, cadmium-free, halogen-free, lead-free Material property (jacket) matte, good machinability, abrasion-resistant, low adhesion Electrical resistance line constant wire 39 Ω/km @ 20 °C Electrical resistance lene constant wire 39 Ω/km @ 20 °C Electrical resistance line constant wire 39 Ω/km @ 20 °C Max. rated voltage (conductor - conductor) 500 V AC withstand voltage (conductor - conductor) 500 V AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Jackety) 15 A Current load capacity min. Wire (Data) 15 A Min. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation <tr< td=""><td>Amount wires (Power)</td><td>3</td></tr<> | Amount wires (Power) | 3 |
| Wire conductor cross section (Power) 1 mm² Material conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) strand class 6 Outer-diameter (jacket) 11.5 mm Tolerance outer diameter (sheath) ± 5 % Material jacket PUR Shore hardness jacket 90 Freedom from ingredients (jacket) CFC-free, cadmium-free, halogen-free, lead-free Material property (jacket) matte, good machinability, abrasion-resistant, low adhesion Electrical resistance coating wire (Power) 19.5 Ω/km @ 20° C Max. rated voitage (conductor - ground) 300 V Max. rated voitage (conductor - ground) 300 V AC withstand voltage (wire - virie) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s 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 Min. operating temperature (istatic) -40 °C Max. operating temperature (istatic) -40 °C Max. operating temperature min. (dryamic) 00 °C @ 100000 h Operation | Amount strands wire (Power) | 128 |
| Material conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) strand class 6 Outer-diameter (jacket) 11.5 mm Tolderance outer diameter (sheath) ± 5 % Material jacket PUR Shore hardness jacket 90 Freedom from ingredients (jacket) CFC-free, cadmium-free, halogen-free, lead-free Material property (jacket) matte, good machinability, abrasion-resistant, low adhesion Electrical resistance coating wire (Power) 19.5 Ω/km @ 20 °C Max. rated voltage (conductor - ground) 300 V Max. rated voltage (conductor - conductor) 500 V AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. Wire (Data) 15 A Min. operating temperature (static) 40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (drag chain) 50 °C Operating temperature max. (drag chain | Diameter of single wires (Power) | 0.1 mm |
| Conductor type wire (Power) Outer-diameter (jacket) 11.5 mm Tolerance outer diameter (sheath) Atterial jacket PUR Shore hardness jacket 90 Freedom from ingredients (jacket) Electrical resistance line constant wire 39 Ω/km @ 20 °C Electrical resistance coating wire (Power) Max. rated voltage (conductor - ground) Max. rated voltage (conductor - conductor) AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Current load capacity min. Wire (Data) Min. operating temperature (fixed) Max. operating temperature (fixed) Operating temperature (fixed) Operating temperature max. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) Derawel frequency (C-track) Traverls options 10 m/s* @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 | Wire conductor cross section (Power) | 1 mm ² |
| Outer-diameter (jacket) 11.5 mm Tolerance outer diameter (sheath) ± 5 % Material jacket PUR Shore hardness jacket 90 Freedom from ingredients (jacket) CFC-free, cadmium-free, halogen-free, lead-free Material property (jacket) matte, good machinability, abrasion-resistant, low adhesion Electrical resistance coating wire (Power) 19.5 Ω/km @ 20 °C Max. rated voltage (conductor - ground) 300 V Max. rated voltage (conductor - conductor) 500 V AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s 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 Min. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (kynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (drag chain) 50 °C Operating temperature max. (drag chain) 10 x Outer diameter Bending radius (fixed) 7.5 | Material conductor wire (Power) | Stranded copper wire, bare |
| Tolerance outer diameter (sheath) ± 5 % Material jacket PUR Shore hardness jacket 90 Freedom from ingredients (jacket) CFC-free, cadmium-free, halogen-free, lead-free Material property (jacket) matte, good machinability, abrasion-resistant, low adhesion Electrical resistance coating wire (Power) 19.5 Ω/km @ 20 °C Electrical resistance coating wire (Power) 90.0 V Max. rated voltage (conductor - ground) 300 V Max. rated voltage (conductor - ground) 300 V AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 DIN VDE 0298-4 Current load capacity (standard) 10 DIN VDE 0298-4 Current load capacity min. wire 5.9 A Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -5 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (drag chain) -5 °C Operating temperature max. (drag chain) -5 °C Operating radius (fixed) 7.5 × Outer diameter Bending radius (fixed) 7.5 × Outer diameter No. of bending cycles (C-track) 10 m @ 25 °C Traversing distance (C-track) 10 m @ 25 °C Connection type 2 Family construction form free cable end No. of poles | Conductor type wire (Power) | strand class 6 |
| Material jacket | Outer-diameter (jacket) | 11.5 mm |
| Shore hardness jacket 90 Freedom from ingredients (jacket) CFC-free, cadmium-free, halogen-free, lead-free Material property (jacket) matte, good machinability, abrasion-resistant, low adhesion Electrical resistance (on constant wire Electrical resistance coating wire (Power) 19.5 Ω/km @ 20 °C Max. rated voltage (conductor - ground) 300 V Max. rated voltage (conductor - conductor) 500 V AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 50 N V DE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. Wire (Data) 15 A Min. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) 25 °C Operating temperature min. (dynamic) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) 50 °C Operating temperature max. (dynamic) 60 °C Bending radius (fixed) 7.5 × Outer diameter Bending radius (dynamic) 10 × Outer diameter No. of bending cycles (C-track) 10 m @ 25 °C horizontal Traversing distance (C-track) 10 m/s² @ 25 °C Connection type 2 Family construction form free cable end No. of poles | Tolerance outer diameter (sheath) | ± 5 % |
| Freedom from ingredients (jacket) Material property (jacket) matte, good machinability, abrasion-resistant, low adhesion Electrical resistance line constant wire Electrical resistance coating wire (Power) Max. rated voltage (conductor - ground) Max. rated voltage (conductor - conductor) Max. rated voltage (conductor - conductor) Max. rated voltage (wire - wire) Electrical resistance coating wire (Power) Max. rated voltage (conductor - conductor) Max. rated voltage (conductor - conductor) Max. rated voltage (wire - wire) Electrical resistance coating wire (Power) AC withstand voltage (wire - wire) Electrical resistance coating wire (Power) Box VM | Material jacket | PUR |
| Material property (jacket) matte, good machinability, abrasion-resistant, low adhesion Electrical resistance line constant wire 39 Ω/km @ 20 °C Electrical resistance coating wire (Power) 19.5 Ω/km @ 20 °C Max. rated voltage (conductor - ground) 300 V Max. rated voltage (conductor - conductor) 500 V AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. Wire (Data) 15 A Min. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature min. (dynamic) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (drag chain) -5 °C Operating temperature min. (drag chain) -5 °C Operating temperature max. (drag chain) 10 °C Bending radius (fixed) 7.5 × Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C Traversing distance (C-track) 10 m @ 5° C horizontal | Shore hardness jacket | 90 |
| Electrical resistance line constant wire 39 Ω/km @ 20 °C Electrical resistance coating wire (Power) 19.5 Ω/km @ 20 °C Max. rated voltage (conductor - ground) 300 V Max. rated voltage (conductor - conductor) 500 V AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s 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 Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (dynamic) 2-25 °C Operating temperature max. (drag chain) 50 °C Bending radius (fixed) 7.5 × Outer diameter Bending radius (fixed) 10 × Outer diameter Bending radius (dynamic) 10 × Outer diameter No. of bending cycles (C-track) 10 m @ 25 °C Connection type 2 Family construction form free cable end No. of poles | Freedom from ingredients (jacket) | CFC-free, cadmium-free, halogen-free, lead-free |
| Electrical resistance coating wire (Power) Max. rated voltage (conductor - ground) 300 V Max. rated voltage (conductor - conductor) AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Current load capacity (standard) Current load capacity (standard) Current load capacity min. wire 5.9 A Current load capacity min. wire (Data) Min. operating temperature (static) Max. operating temperature (fixed) A0 °C Max. operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (drag chain) Of bending radius (fixed) Rending radius (dynamic) No. of bending cycles (C-track) Traver sing distance (C-track) Traver speed (C-track) 10 m @ 25 °C Connection type 2 Family construction form free cable end No. of poles | Material property (jacket) | matte, good machinability, abrasion-resistant, low adhesion |
| Max. rated voltage (conductor - ground) 300 V Max. rated voltage (conductor - conductor) 500 V AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s 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 Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (dynamic) -5 °C Operating temperature max. (drag chain) -5 °C Operating temperature max. (drag chain) 60 °C Bending radius (dynamic) 10 × Outer diameter Bending radius (dynamic) 5 Mio. @ 25 °C Traversing distance (C-track) 5 Mio. @ 25 °C Acceleration (C-track) 10 m @ 25 °C horizontal Travel speed (C-track) 10 m/s² @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 | Electrical resistance line constant wire | 39 Ω/km @ 20 °C |
| Max. rated voltage (conductor - conductor) 500 V AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s 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 Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (drag chain) -5 °C Operating temperature max. (drag chain) 60 °C Bending radius (fixed) 7.5 × Outer diameter Bending radius (dynamic) 10 × Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C Traversing distance (C-track) 10 m @ 25 °C Acceleration (C-track) 10 m/s² @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 | Electrical resistance coating wire (Power) | 19.5 Ω/km @ 20 °C |
| AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Current load capacity (standard) Current load capacity (standard) Current load capacity min. wire 5.9 A Current load capacity min. Wire (Data) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature min. (drag chain) Operating temperature min. (drag chain) Operating temperature max. (drag chain) Operating temperature min. (drag chain) Operating temperature min | Max. rated voltage (conductor - ground) | 300 V |
| Power frequency withstand voltage (wire - jacket) Current load capacity (standard) Current load capacity min. wire 5.9 A Current load capacity min. Wire (Data) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature min. (drag chain) Operating temperature min. (drag chain) Operating temperature max. (drag chain) Operating | Max. rated voltage (conductor - conductor) | 500 V |
| Jacket) Current load capacity (standard) Current load capacity min. wire 5.9 A Current load capacity min. Wire (Data) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) Operating temperature min. (drag chain) Operating temperature min. (drag chain) Operating temperature max. (drag chain) Operating temp | AC withstand voltage (wire - wire) | 2 kV @ 60 s |
| Current load capacity min. wire 5.9 A Current load capacity min. Wire (Data) 15 A Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (drag chain) -5 °C Operating temperature max. (drag chain) 60 °C Bending radius (fixed) 7.5 × Outer diameter Bending radius (dynamic) 10 × Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C Traversing distance (C-track) 10 m @ 25 °C horizontal Travel speed (C-track) 3 m/s @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 | | 2 kV @ 60 s |
| Current load capacity min. Wire (Data) Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (dynamic) Operating temperature min. (drag chain) -5 °C Operating temperature max. (drag chain) 60 °C Bending radius (fixed) 7.5 × Outer diameter Bending radius (dynamic) 10 × Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C Traversing distance (C-track) 10 m @ 25 °C horizontal Travel speed (C-track) 3 m/s @ 25 °C Connection type 2 Family construction form free cable end No. of poles | Current load capacity (standard) | to DIN VDE 0298-4 |
| Min. operating temperature (static) Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (drag chain) -5 °C Operating temperature max. (drag chain) 60 °C Bending radius (fixed) 7.5 × Outer diameter Bending radius (dynamic) 10 × Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C Traversing distance (C-track) 10 m @ 25 °C horizontal Travel speed (C-track) 3 m/s @ 25 °C Acceleration (C-track) 10 m/s² @ 25 °C Connection type 2 Family construction form free cable end No. of poles | Current load capacity min. wire | 5.9 A |
| Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) Operating temperature min. (drag chain) Operating temperature min. (drag chain) Operating temperature max. (drag chain) Operating temperature max. (drag chain) 60 °C Bending radius (fixed) 7.5 × Outer diameter Bending radius (dynamic) 10 × Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C Traversing distance (C-track) 10 m @ 25 °C horizontal Travel speed (C-track) 10 m/s² @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 | Current load capacity min. Wire (Data) | 15 A |
| Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature min. (drag chain) Operating temperature min. (drag chain) Operating temperature max. (drag chain) Operating temperature min. (drag chain) Operation (Operation) Operation (Ope | Min. operating temperature (static) | -40 °C |
| Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (drag chain) -5 °C Operating temperature max. (drag chain) 60 °C Bending radius (fixed) 7.5 × Outer diameter Bending radius (dynamic) 10 × Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C Traversing distance (C-track) 10 m @ 25 °C horizontal Travel speed (C-track) 3 m/s @ 25 °C Acceleration (C-track) 10 m/s² @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 | Max. operating temperature (fixed) | 80 °C / 90 °C @ 10000 h Operation |
| Operating temperature min. (drag chain) -5 °C Operating temperature max. (drag chain) 60 °C Bending radius (fixed) 7.5 × Outer diameter Bending radius (dynamic) 10 × Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C Traversing distance (C-track) 10 m @ 25 °C horizontal Travel speed (C-track) 3 m/s @ 25 °C Acceleration (C-track) 10 m/s² @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 | Operating temperature min. (dynamic) | -25 °C |
| Operating temperature max. (drag chain) 60 °C Bending radius (fixed) 7.5 × Outer diameter Bending radius (dynamic) 10 × Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C Traversing distance (C-track) 10 m @ 25 °C horizontal Travel speed (C-track) 3 m/s @ 25 °C Acceleration (C-track) 10 m/s² @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 | Operating temperature max. (dynamic) | 80 °C / 90 °C @ 10000 h Operation |
| Bending radius (fixed) 7.5 × Outer diameter 8ending radius (dynamic) 10 × Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C Traversing distance (C-track) 10 m @ 25 °C horizontal Travel speed (C-track) 3 m/s @ 25 °C Acceleration (C-track) 10 m/s² @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 | Operating temperature min. (drag chain) | -5 °C |
| Bending radius (dynamic) 10 × Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C Traversing distance (C-track) 10 m @ 25 °C horizontal Travel speed (C-track) 3 m/s @ 25 °C Acceleration (C-track) 10 m/s² @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 | Operating temperature max. (drag chain) | 60 °C |
| No. of bending cycles (C-track) Traversing distance (C-track) 10 m @ 25 °C horizontal Travel speed (C-track) 3 m/s @ 25 °C Acceleration (C-track) 10 m/s² @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 | Bending radius (fixed) | 7.5 × Outer diameter |
| Traversing distance (C-track) 10 m @ 25 °C horizontal Travel speed (C-track) 3 m/s @ 25 °C Acceleration (C-track) 10 m/s² @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 | Bending radius (dynamic) | 10 × Outer diameter |
| Travel speed (C-track) 3 m/s @ 25 °C Acceleration (C-track) 10 m/s² @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 | No. of bending cycles (C-track) | 5 Mio. @ 25 °C |
| Acceleration (C-track) 10 m/s² @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 | Traversing distance (C-track) | 10 m @ 25 °C horizontal |
| Connection type 2 Family construction form free cable end No. of poles 19 | Travel speed (C-track) | 3 m/s @ 25 °C |
| Family construction form free cable end No. of poles 19 | Acceleration (C-track) | 10 m/s² @ 25 °C |
| No. of poles 19 | Connection type 2 | |
| No. of poles 19 | Family construction form | free cable end |
| · | | |
| | Family construction form | M12 |
| No. of poles 5 | | 5 |
| Coding A | Coding | A |
| Gender female | | female |
| Color contact carrier black | Color contact carrier | black |
| PIN 1 + | | |
| PIN 2 NC S 2 | PIN 2 | NC S 2 |
| PIN 3 - | | - |
| PIN 4 NO S 1 | PIN 4 | NO S 1 |
| PIN 5 PE | PIN 5 | PE |