

## **EXACT12, 8XM12, 4 POLE MOULDED CABLE**

5.0m PUR/PVC 8x0,34+3X0.75, UL/CSA

Art.No.: 8000-88410-3620500

Weight: 0.694 Country of origin: DE

Model designation: MVP12N-AN8V362 5.0M

PUR/PVC 5.0 m

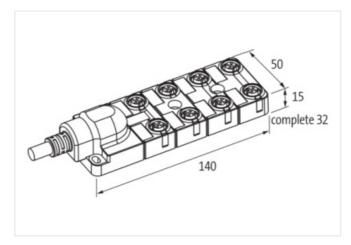
Plastic housings with good resistance against chemicals and oils.

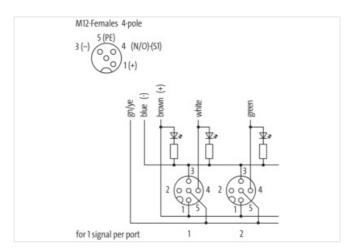
The resistance to aggressive media should be individually tested for your application. Further details on request.

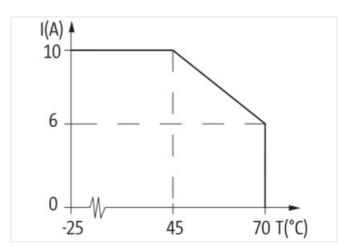
## **Link to Product**

## Illustration



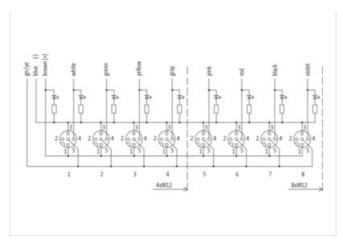








stay connected



Product may differ from Image











Header	
Material short text	MVP12N-AN8V362 5.0M
Commercial data	
URL Webshop	https://shop.murrelektronik.com/8000-88410-3620500
GTIN	4048879054263
ECLASS-6.0	27143423
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
customs tariff number	85444290
EAN	4048879054263
Packaging unit	1
Electrical data   Supply	
Operating voltage DC	24 V
Current operating per contact max.	4 A
Diagnostics	
LED display	digital PNP signals, Power



stay connected

Installation   Connection	
Mounting set	M12 x 1
Device protection   Electrical	
Degree of protection (EN IEC 60529)	IP67, IP65
	11 07, 11 00
Device protection   Media	
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	
·	262
Cable identification	362
Cable Type	2 Living Signal Dawar
Function cable	Hybrid, Signal, Power
Amount stranding Stranding	1 2 wires stranded with filler
<u> </u>	2 wires stranged with filler  1
Amount stranding (type 2)	
Stranding (type 2)	9 wires stranded around stranding combination
Filler	yes
Wire arrangement	(, white, violet, ), green, yellow, gray, pink, red, black, brown, blue, green-yellow
Cable weigth	115.5 g/m PVC
Material wire insulation	8
Amount wires Outer diameter insulation	1.3 mm
Outer diameter tolerance core insulation	± 0.1 mm
Shore hardness wire insulation	43 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	CFC-free, cadmium-free, silicone-free, lead-free
Amount strands (wire)	19
Diameter of single wires	0.15 mm
Conductor crosssection (wire)	0.34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Material wire insulation (type 2)	PVC
Outer diameter wire insulation (type 2)	1.8 mm
Tolerance outer diameter wire insulation (type 2)	± 0.1 mm
Material properties wire insulation (type 2)	good machinability
Ingredient freeness wire insulation (type 2)	cadmium-free, silicone-free, lead-free, CFC-free
Amount wires (type 2)	3
Amount strands wire (type 2)	24
Diameter of single wires (type 2)	0.2 mm
Conductor crosssection wire (type 2)	0.75 mm <sup>2</sup>
Material conductor wire (type 2)	Stranded copper wire, bare
Wire conductor type (type 2)	Strand class 5
	Power
Electrical function wire (type 2)	
Electrical function wire (type 2)  Shore hardness wire insulation (type 3)	43



## stay connected

Shore Nardness jacket	Tolerance outer diameter (sheath)	± 5 %
Freedom from ingredients (jacket)         CFC-free, cadmium-free, silicone-free, lead-free           Material property (jacket)         mate, good machinability, abrasion-resistant, low adhesion           Material property (jacket)         gray           Conductor resistance (wire)         57 Olkm @ 20 °C           Mark raded voltage (conductor - ground)         300 V           Max. raded voltage (conductor - conductor)         300 V           Mix. raded voltage (conductor - conductor)         2 kV @ 60 s           Withstand voltage (wire - wire)         2 kV @ 60 s           Current load capacity (standard)         to DIN VDE 0298 4           Current load capacity min. Wire (type 2)         12 A           Min. operating temperature (fixed)         40 °C           Max. operating temperature (fixed)         80 °C           Operating temperature min. (drag chain)         5° °C           Operating temperature min. (drag chain)         5° °C           Operating temperature min. (drag chain)         6° °C           Operating temperature min. (drag chain)         6° °C           Plane resistance         UL 1581 § 1990, CSA FT2, IEC 60332-2-2           Diresistance         IEC 50811-404           Demandar resistance         IEC 50811-404           Temperature (fixed)         5° °C           Traversing distan	Material jacket	PUR
Material property (jacket)         matte, good machinability, abrasion-resistant, low adhesion           Material inner jacket         PVC           Conductor resistance (wire)         57 Ω/km @ 20 °C           Mar. rated voltage (conductor - ground)         300 V           Mar. rated voltage (conductor)         300 V           Withstand voltage (wire - wire)         2 kV @ 60 s           Withstand voltage (wire - wire)         2 kV @ 60 s           Current load capacity (sandard)         10 IbN VDE 0298-4           Durential preparature (sited)         80 °C           Operating temperature max. (synamic)         70 °C           Operating temperature max. (synamic)         70 °C           Direction (	Shore hardness jacket	87 5 Shore A
Material inner jacket	Freedom from ingredients (jacket)	CFC-free, cadmium-free, silicone-free, lead-free
Color (inner jacket) gray  Conductor resistance (wire) 57 Ω/km @ 20 °C  Max. rated voltage (conductor - conductor) 300 V  Withstand voltage (wire - wire) 2 kV @ 60 s  Withstand voltage (wire - jacket) 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 4 A  Current load capacity min. wire (yps 2) 12 A  Max. operating temperature (tixed) 80 °C  Operating temperature (tixed) 80 °C  Operating temperature min. (dynamic) -5 °C  Operating temperature max. (dynamic) -5 °C  Operating temperature min. (drag chain) -5 °C  Operating temperature min. (drag chain) -5 °C  Operating temperature min. (drag chain) -5 °C  Operating temperature max. (dynamic) -5 °C  Operating factors (drag chain) -5 °C  Operating temperature max. (dynamic) -5 °C  Travel speed (C-track) -7 °C  Travel speed (C-track) -7 °C  Dia 'S °C  Connection type 2  Family construction form -5 °C  Mil 2 °C  Connection type 2  Family construction form -5 °C  Mil 2 °C  Connection type 3 °C  Connection type 4 °C  Family construction form -5 °C  Final Condition -5 °C  Family construction form -5 °C  Mil 2 °C  Connection type 4 °C  Family construction form -5 °C  Final Condition -5 °C  Final Condition -5 °C  Final Condition -5 °C  Final Condition	Material property (jacket)	matte, good machinability, abrasion-resistant, low adhesion
Conductor resistance (wire)         57 Ω/km @ 20 °C           Max. rated voltage (conductor - ground)         300 V           Withstand voltage (wire - wire)         2 kV @ 60 s           Withstand voltage (wire - jacket)         2 kV @ 60 s           Current load capacity (standard)         10 lb VDE 0298-4           Current load capacity min. wire         4 A           Current load capacity min. wire (type 2)         12 A           Min. operating temperature (standard)         80 °C           Max. operating temperature (fixed)         80 °C           Operating temperature min. (dynamic)         5 °C           Operating temperature min. (dynamic)         5 °C           Operating temperature max. (drag chain)         60 °C           Flainer resistance         UL 1581 § 1090, CSA FT2, IEC 60332-2-2           Diff resistance         IEC 606911-404           Chemical resistance         good           Citter resistances         resistant to hydrolysis, resistant to microbes, good resistance to gasoline           Bending radius (fixed)         5 × Cuter diameter           Bending radius (fixed)         5 × Cuter diameter           Bending radius (fixed)         5 × Cuter diameter           No. of bending cycles (C-track)         10 × Ø 25 °C           Traversing distance (C-track)         10 mys²	Material inner jacket	PVC
Max. rated voltage (conductor - ground)         300 V           Max. rated voltage (conductor - conductor)         300 V           Mithstand voltage (wire - wire)         2 kV @ 60 s           Withstand voltage (wire - wire)         2 kV @ 60 s           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. Wire (type 2)         12 A           Wifn. operating temperature (static)         -30 °C           Max. operating temperature (fixed)         80 °C           Operating temperature max. (dynamic)         70 °C           Operating temperature max. (dynamic)         5 °C           Operating temperature max. (drag chain)         5 °C           Operating temperature max. (drag chain)         60 °C           Difference         UL 1581 § 1090, CSA FT2, IEC 60332-2-2           Difference         IEC 60811-1404           Chemical resistance         UL 1581 § 1090, CSA FT2, IEC 60332-2-2           Difference         IEC 60811-1404           Other resistance         IEC 60811-1404           Other resistance         IEC 60811-1404           Other resistances         resistant to hydrolysis, resistant to microbes, good resistance to gasoline           Bending radius (kixed)         5 × Outer diameter           Bending radius (gynamic)         10 × Outer diameter	Color (inner jacket)	gray
Max. rated voltage (conductor - conductor)         300 V           Wilhistand voltage (wire - wire)         2 kV @ 60 s           Wilhistand voltage (wire - jacket)         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 2)         12 A           Max. operating temperature (fixed)         80 °C           Operating temperature min. (dynamic)         5 °C           Operating temperature min. (dynamic)         70 °C           Operating temperature min. (drig chain)         60 °C           Plane resistance         UL 1581 § 1090, CSA FT2, IEC 60332-2-2           Diresistance         IEC 60811-404           Chemical resistance         10 °C           Other esistances         resistant to thydrolysis, resistant to microbes, good resistance to gasoline           Sending radius (fixed)         5 × Outer diameter           No. of bending cycles (C-track)         2 Min. @ 25 °C           Traversing distance (C-track)         2 Min. @ 25 °C           Connection type 2         2 mis @ 25 °C           Connection type 2         4           Acadeeration (C-track)         10 m/s* @ 25 °C           Connection type 3         4           Sender	Conductor resistance (wire)	57 Ω/km @ 20 °C
Withstand voltage (wire - wire)         2 kV ⊕ 60 s           Withstand voltage (wire - jacket)         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 2)         12 A           Min. operating temperature (static)         -30 °C           Max. operating temperature (fixed)         80 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature max. (dynamic)         -5 °C           Other resistance         UL 1581 § 1090, CSA FT2, IEC 60332-2-2           Difference resistance         UE 1581 § 1090, CSA FT2, IEC 60332-2-2           Other resistance         UE 1581 § 1090, CSA FT2, IEC 60332-2-2           Difference resistance         UE 1581 § 1090, CSA FT2, IEC 60332-2-2           Other resistance         IEC 60811-404           Other resistance         IEC 60811-404           To write resistance         2 Mio. @ 25 °C	Max. rated voltage (conductor - ground)	300 V
Withstand voltage (wire - jacket)         2 kV @ 60 s           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire (ype 2)         12 A           Current load capacity min. Wire (ype 2)         12 A           Min. operating temperature (static)         -30 °C           Max. operating temperature (fixed)         80 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature max. (dynamic)         -5 °C           Operating temperature min. (drag chain)         -5 °C           Disciplination (drag chain)         -5 °C <td>Max. rated voltage (conductor - conductor)</td> <td>300 V</td>	Max. rated voltage (conductor - conductor)	300 V
Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. Wire         4 A           Current load capacity min. Wire (by 2)         12 A           Min. operating temperature (static)         -30 °C           Max. operating temperature (fixed)         80 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature max. (dynag chain)         -6 °C           Operating temperature max. (drag chain)         -6 °C           Operating temperature max. (drag chain)         -6 °C           Operating temperature max. (drag chain)         -6 °C           Chemical resistance         UL 1581 § 1090, CSA FT2, IEC 60332-2-2           Dil resistance         IEC 60811-404           Chemical resistances         good           Other resistances         resistant to hydrolysis, resistant to microbes, good resistance to gasoline           Bending radius (fixed)         5 × Outer diameter           Bending radius (gynamic)         10 × Outer diameter           Travel speed (C-track)         2 Mio. @ 25 °C           Travel speed (C-track)         2 mio. @ 25 °C           Travel speed (C-track)         2 mio. @ 25 °C           Connection type 2         Femally construction form	Withstand voltage (wire - wire)	2 kV @ 60 s
Current load capacity min. wire         4 A           Current load capacity min. Wire (type 2)         12 A           Min. operating temperature (static)         30 °C           Min. operating temperature (fixed)         80 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature max. (dynamic)         70 °C           Operating temperature max. (drag chain)         60 °C           Operating temperature max. (drag chain)         60 °C           Flame resistance         UL 1581 § 1090, CSA FT2, IEC 60332-2-2           Difference in resistance         UL 1581 § 1090, CSA FT2, IEC 60332-2-2           Difference resistance         UL 1581 § 1090, CSA FT2, IEC 60332-2-2           Difference resistance         IEC 60811-404           Chemical resistance         good           Difference resistance         good           Chemical resistance         good           Difference resistance         good           Difference resistance         good           Difference resistance         pood pool           Difference resistance         pood pool           Difference (Freak)         5 × Outer diameter           Bending radius (fixed)         5 × Outer diameter           Travel speed (C-track)         5 m @ 25 °C	Withstand voltage (wire - jacket)	2 kV @ 60 s
Current load capacity min. Wire (type 2)         12 A           Min. operating temperature (static)         -30 °C           Max. operating temperature (ixad)         80 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature max. (dynamic)         70 °C           Operating temperature min. (drag chain)         -5 °C           Operating temperature max. (drag chain)         60 °C           Pilor resistance         UL 1581 § 1090, CSA FT2, IEC 60332-2-2           Ull resistance         IEC 60811-404           Chemical resistance         good           Other resistances         resistant to hydrolysis, resistant to microbes, good resistance to gasoline           Bending radius (fixed)         5 × Outer diameter           Bending radius (fixed)         5 × Outer diameter           No. of bending cycles (C-track)         5 m@ 25 °C           Traversing distance (C-track)         5 m@ 25 °C           Traversing distance (C-track)         2 m/s @ 25 °C           Connection type 2         Family construction form           Family construction form         free cable end           No. of poles         11           Family construction form         M12           No. of poles         4           Coding         A	Current load capacity (standard)	to DIN VDE 0298-4
Min. operating temperature (static)  A30 °C  Max. operating temperature (fixed)  B0 °C  Operating temperature min. (dynamic)  70 °C  Operating temperature min. (dynamic)  70 °C  Operating temperature min. (dynamic)  70 °C  Operating temperature max. (dynamic)  70 °C  Operating temperature max. (dynamic)  60 °C  Flame resistance  UL 1581 § 1090, CSA FT2, IEC 60332-2-2  Oil resistance  IEC 60811-404  Chemical resistance  IEC 60811-404  Chemical resistance  Other resistances  resistant to hydrolysis, resistant to microbes, good resistance to gasoline  Bending radius (fixed)  5 × Outer diameter  No. of bending cycles (C-track)  10 × Outer diameter  No. of bending cycles (C-track)  2 mio, ⊕ 25 °C  Traversing distance (C-track)  5 m ⊕ 25 °C  Traversing distance (C-track)  2 mio, ⊕ 25 °C  Connection type 2  Family construction form  free cable end  No. of poles  11  Family construction form  M12  No. of poles  4  Coding  A  Gender  female  Color contact carrier  black  PIN 1  +  PIN 2  n.c.  PIN 3  -  NO S 1	Current load capacity min. wire	4 A
Max. operating temperature (fixed)         80 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature max. (dynamic)         70 °C           Operating temperature max. (dynamic)         5 °C           Operating temperature max. (drag chain)         60 °C           Flame resistance         UL 1581 § 1090. CSA FT2, IEC 60332-2-2           Dil resistance         IEC 60811-404           Chemical resistance         good           Other resistances         resistant to hydrolysis, resistant to microbes, good resistance to gasoline           Bending radius (fixed)         5 × Outer diameter           Bending radius (dynamic)         10 × Outer diameter           No. of bending cycles (C-track)         2 Mio. @ 25 °C           Traversing distance (C-track)         5 m @ 25 °C           Acceleration (C-track)         10 m/s² @ 25 °C           Acceleration (C-track)         10 m/s² @ 25 °C           Connection type 2         Family construction form           Family construction form         free cable end           No. of poles         11           Family construction form         M12           No. of poles         4           Goding         A           Gender         female           Color contact carr	Current load capacity min. Wire (type 2)	12 A
Operating temperature min. (dynamic)         -5 °C           Operating temperature max. (dynamic)         70 °C           Operating temperature min. (drag chain)         -5 °C           Operating temperature max. (drag chain)         60 °C           Flame resistance         UL 1581 § 1090, CSA FT2, IEC 60332-2-2           Oil resistance         IEC 60811-404           Chemical resistance         good           Other resistances         resistant to hydrolysis, resistant to microbes, good resistance to gasoline           Bending radius (fixed)         5 × Outer diameter           Bending radius (dynamic)         10 × Outer diameter           No. of bending cycles (C-track)         2 Mio. @ 25 °C           Traversing distance (C-track)         5 m @ 25 °C           Travel speed (C-track)         2 m/s @ 25 °C           Concetton type 2         Family construction form           Family construction form         free cable end           No. of poles         11           Family construction form         M12           No. of poles         4           Coding         A           Gender         female           Color contact carrier         black           PIN 1         +           PIN 2         n.c.	Min. operating temperature (static)	-30 °C
Operating temperature max. (dynamic)         70 °C           Operating temperature min. (drag chain)         -5 °C           Operating temperature max. (drag chain)         60 °C           Flame resistance         UL 1581 § 1090, CSA FT2, IEC 60332-2-2           Dil resistance         IEC 60811-404           Chemical resistance         good           Dither resistances         resistant to hydrolysis, resistant to microbes, good resistance to gasoline           Bending radius (fixed)         5 × Outer diameter           Bending radius (dynamic)         10 × Outer diameter           No. of bending cycles (C-track)         2 Mio. @ 25 °C           Traversing distance (C-track)         5 m @ 25 °C           Traversing distance (C-track)         2 m/s @ 25 °C           Acceleration (C-track)         10 m/s² @ 25 °C           Connection type 2         Family construction form           Family construction form         free cable end           No. of poles         1           Family construction form         M12           No. of poles         4           Coding         A           Gender         female           Color contact carrier         black           PIN 1         +           PIN 2         n.c.	Max. operating temperature (fixed)	80 °C
Operating temperature min. (drag chain)         -5 °C           Operating temperature max. (drag chain)         60 °C           Flame resistance         UL 1581 § 1090, CSA FT2, IEC 60332-2-2           Oil resistance         IEC 60811-404           Chemical resistance         good           Other resistances         resistant to hydrolysis, resistant to microbes, good resistance to gasoline           Bending radius (fixed)         5 × Outer diameter           Bending radius (dynamic)         10 × Outer diameter           No. of bending cycles (C-track)         2 Mio. @ 25 °C           Travel speed (C-track)         5 m @ 25 °C           Travel speed (C-track)         2 m/s @ 25 °C           Acceleration (C-track)         10 m/s* @ 25 °C           Connection type 2         Family construction form           No. of poles         11           Family construction form         M12           No. of poles         4           Coding         A           Gender         female           Color contact carrier         black           PIN 1         +           PIN 3         -           PIN 4         NO S 1	Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (drag chain)         60 °C           Flame resistance         UL 1581 § 1090, CSA FT2, IEC 60332-2-2           Dil resistance         IEC 60811-404           Chemical resistance         good           Diter resistances         resistant to hydrolysis, resistant to microbes, good resistance to gasoline           Bending radius (fixed)         5 × Outer diameter           Bending radius (dynamic)         10 × Outer diameter           No. of bending cycles (C-track)         2 Mio. @ 25 °C           Traversing distance (C-track)         5 m @ 25 °C           Travel speed (C-track)         2 m/s @ 25 °C           Connection type 2         Family construction form           Family construction form         free cable end           No. of poles         11           Family construction form         M12           No. of poles         4           Coding         A           Gender         female           Color contact carrier         black           PIN 1         +           PIN 2         n.c.           PIN 3         -           PIN 4         NO S 1	Operating temperature max. (dynamic)	70 °C
Flame resistance	Operating temperature min. (drag chain)	-5 °C
IEC 60811-404	Operating temperature max. (drag chain)	60 °C
IEC 60811-404	Flame resistance	UL 1581 § 1090, CSA FT2, IEC 60332-2-2
Cother resistances  Pending radius (fixed)  Sending radius (dynamic)  Sending radius (dynamic)	Oil resistance	
Bending radius (fixed) 5 × Outer diameter  Bending radius (dynamic) 10 × Outer diameter  No. of bending cycles (C-track) 2 Mio. @ 25 °C  Traversing distance (C-track) 5 m @ 25 °C  Travel speed (C-track) 2 m/s @ 25 °C  Connection (C-track) 10 m/s² @ 25 °C  Connection type 2  Family construction form free cable end  No. of poles 11  Family construction form M12  No. of poles 4  Coding A  Gender female  Color contact carrier black  PIN 1 +  PIN 2 n.c.  PIN 3 -  PIN 4 NO S 1	Chemical resistance	good
Bending radius (dynamic)  10 × Outer diameter  No. of bending cycles (C-track)  2 Mio. @ 25 °C  Traversing distance (C-track)  5 m @ 25 °C  Travel speed (C-track)  2 m/s @ 25 °C  Acceleration (C-track)  10 m/s² @ 25 °C  Connection type 2  Family construction form  free cable end  No. of poles  11  Family construction form  M12  No. of poles  4  Coding  A  Gender  female  Color contact carrier  black  PIN 1  +  PIN 2  n.c.  PIN 3  -  NO S 1	Other resistances	resistant to hydrolysis, resistant to microbes, good resistance to gasoline
No. of bending cycles (C-track)  2 Mio. @ 25 °C  Traversing distance (C-track)  5 m @ 25 °C  Travel speed (C-track)  2 m/s @ 25 °C  Acceleration (C-track)  10 m/s² @ 25 °C  Connection type 2  Family construction form  free cable end  No. of poles  11  Family construction form  M12  No. of poles  4  Coding  A  Gender  female  Color contact carrier  black  PIN 1  +  PIN 2  n.c.  PIN 3  -  PIN 4  NO S 1	Bending radius (fixed)	5 × Outer diameter
Traversing distance (C-track) 5 m @ 25 °C  Travel speed (C-track) 2 m/s @ 25 °C  Acceleration (C-track) 10 m/s² @ 25 °C  Connection type 2  Family construction form free cable end  No. of poles 11  Family construction form M12  No. of poles 4  Coding A  Gender female  Color contact carrier black  PIN 1 +  PIN 2 n.c.  PIN 3 -  PIN 4 NO S 1	Bending radius (dynamic)	10 × Outer diameter
Travel speed (C-track)         2 m/s @ 25 °C           Acceleration (C-track)         10 m/s² @ 25 °C           Connection type 2           Family construction form         free cable end           No. of poles         11           Family construction form         M12           No. of poles         4           Coding         A           Gender         female           Color contact carrier         black           PIN 1         +           PIN 2         n.c.           PIN 3         -           PIN 4         NO S 1	No. of bending cycles (C-track)	2 Mio. @ 25 °C
Acceleration (C-track)         10 m/s² @ 25 °C           Connection type 2           Family construction form         free cable end           No. of poles         11           Family construction form         M12           No. of poles         4           Coding         A           Gender         female           Color contact carrier         black           PIN 1         +           PIN 2         n.c.           PIN 3         -           PIN 4         NO S 1	Traversing distance (C-track)	5 m @ 25 °C
Family construction form free cable end  No. of poles 11 Family construction form M12 No. of poles 4 Coding A Gender female Color contact carrier black PIN 1 + PIN 2 n.c. 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 11  Family construction form M12  No. of poles 4  Coding A  Gender female  Color contact carrier black  PIN 1 +  PIN 2 n.c.  PIN 3 -  PIN 4 NO S 1	Acceleration (C-track)	10 m/s² @ 25 °C
No. of poles 11  Family construction form M12  No. of poles 4  Coding A  Gender female  Color contact carrier black  PIN 1 +  PIN 2 n.c.  PIN 3 -  PIN 4 NO S 1	Connection type 2	
Family construction form         M12           No. of poles         4           Coding         A           Gender         female           Color contact carrier         black           PIN 1         +           PIN 2         n.c.           PIN 3         -           PIN 4         NO S 1	Family construction form	free cable end
No. of poles 4 Coding A Gender female Color contact carrier black PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	No. of poles	11
Coding         A           Gender         female           Color contact carrier         black           PIN 1         +           PIN 2         n.c.           PIN 3         -           PIN 4         NO S 1	Family construction form	M12
Gender         female           Color contact carrier         black           PIN 1         +           PIN 2         n.c.           PIN 3         -           PIN 4         NO S 1	No. of poles	4
Color contact carrier         black           PIN 1         +           PIN 2         n.c.           PIN 3         -           PIN 4         NO S 1	Coding	A
PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Gender	female
PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Color contact carrier	black
PIN 3 - PIN 4 NO S 1	PIN 1	+
PIN 4 NO S 1	PIN 2	n.c.
	PIN 3	-
PE PE	PIN 4	NO S 1
	PIN 5	PE