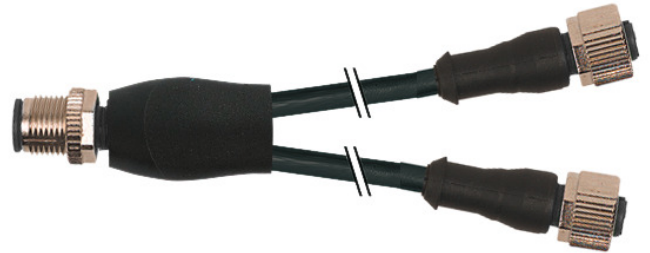


**Vue d'ensemble**

- Y-Connector, M12 connector, 0°, A-coded, 5-pin; PUR, 200 cm, M12 female 0°, A-coded, 5-pin



**Caractéristiques techniques**

Side A		Cables	
Head A: Connection	M12	Cable length	200 cm
Head A: Angle cable outlet	0°	Shielded	No
Head A: Gender	Male	Conductor structure	42 × 0,1 mm
Head A: Coding	A	AWG	22
Head A: No. of poles	5	External sheath: Material	PUR
Head A: LED	No	External sheath: Color	Black
Head A: Width across flats	AF13	Cable diameter	4,8 mm ± 5%
Head A: Tightening torque	0,6 Nm	Wire cross section	0,34 mm <sup>2</sup>
Head A: Knurled nut material	Zinc-pressure die casting, surface Ni	<b>Cable</b>	
Head A: Body color	Black	Cable: Temperature range (mobile)	- 25 ...+ 80 °C
Head A: Gasket material	FKM	Cable: Temperature range (fixed)	- 40 ...+ 80 °C
<b>Side B</b>		Shielded	No
Head B: Connection	M12	Cable length	200 cm
Head B: Angle cable outlet	0°	AWG	22
Head B: Gender	Female	Bending radius (fixed)	min. 5 × outer diameter
Head B: Coding	A	Torsion speed	max. 35 cycles/min
Head B: No. of poles	5	Bending radius (mobile)	min. 10 × outer diameter
Head B: LED	No	Cable type	3
Head B: Width across flats	AF13	Cable weight	approx. 41,8 g/m
Head B: Tightening torque	0,6 Nm	Wire 1: Color	BN
Head B: Knurled nut material	Zinc-pressure die casting, surface Ni	Wire 2: Color	BK
Head B: Body color	Black	Wire 3: Color	BU
Head B: Gasket material	FKM	Wire 4: Color	WH
Head C: Connection	M12	Wire 5: Color	GNYE
Head C: Angle cable outlet	0°	Conductor structure	42 × 0,1 mm
Head C: Gender	Female	Cable diameter	4,8 mm ± 5%
Head C: Coding	A	Conductor: Material	Copper, bare
Head C: No. of poles	5	External sheath: Material	PUR
Head C: LED	No	Insulation: Material	PP
Head C: Width across flats	AF13	No. of bending cycles (C-track)	approx. 10000000 Cycles
Head C: Tightening torque	0,6 Nm	Nominal voltage	300 V
Head C: Knurled nut material	Zinc-pressure die casting, surface Ni	No. of torsion cycles	approx. 2000000 Cycles
Head C: Body color	Black	Operating current per wire	4,5 A
		Paired stranding	No

## Caractéristiques techniques

### Cable

Single wire diameter	0,1 mm
Cable: Test voltage	2,5 kV 0
Torsion stress in °	± 180 °/m
Total stranding	5 wires strand around core-filler
Travel speed (C-track)	max. 3 m/s
Traversing path (horizontal)	max. 10 m
Wire cross section	0,34 mm <sup>2</sup>
Wire processing	No
Wire diameter incl. isolation	1,25 mm ± 5%
External sheath: Color	Black

### Données électriques

Operating voltage	max. 125 V AC/DC 0
Nominal voltage	300 V
Operating current per contact	4 A

### Données mécaniques

Head A: Degree of protection	IP65, IP67
Head B: Degree of protection	IP65, IP67
Head C: Degree of protection	IP65, IP67
Bending radius (mobile)	min. 10 × outer diameter
Bending radius (fixed)	min. 5 × outer diameter
No. of bending cycles (C-track)	approx. 10000000 Cycles

### Données mécaniques

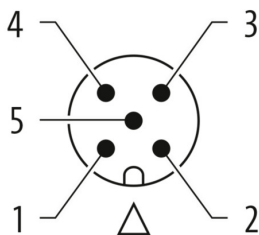
Torsion speed	max. 35 cycles/min
Torsion stress in °	± 180 °/m
No. of torsion cycles	approx. 2000000 Cycles
Travel speed (C-track)	max. 3 m/s

### Conditions ambiantes

Temperature range (mobile)	- 25 ...+ 80 °C
Temperature range (fixed)	- 25 ...+ 80 °C
Cable: Temperature range (fixed)	- 40 ...+ 80 °C
Dragchain capable	Oui
Head A: Chemical resistance	Good (DIN EN 60811-404)
Head A: Flame resistance	Conform UL 1581 §1090, §1100 (FT2), IEC 60332-1-2 Std.
Head A: Oil resistance	Good (DIN EN 60811-404)
Head A: Pollution degree	3
Head B: Chemical resistance	Good (DIN EN 60811-404)
Head B: Flame resistance	Conform UL 1581 §1090, §1100 (FT2), IEC 60332-1-2 Std.
Head B: Oil resistance	Good (DIN EN 60811-404)
Head B: Pollution degree	3
Head C: Pollution degree	3

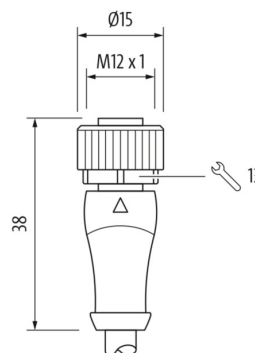
## Side A

### Coding



## Side B

### Technical drawing



**Side B**

**Coding**

