

Overview

- M12 Y adapter cable for the transmission of incremental signals and parallel use of IO-Link or switching output
- Enables condition monitoring via IO-Link or switching output
- Suitable for EB260 bearingless encoders



Technical data

Side A		Side B	
Head A: Connection	M12	Head B: Body color	Black
Head A: Angle cable outlet	0°	Head C: Connection	M12
Head A: Gender	Female	Head C: Angle cable outlet	0°
Head A: Coding	A	Head C: Gender	Male
Head A: No. of poles	8	Head C: Coding	A
Head A: Width across flats	AF13	Head C: No. of poles	3
Head A: Tightening torque	0.6 Nm	Head C: Width across flats	AF13
Head A: Body color	Black	Head C: Tightening torque	0.6 Nm
Head A: Contact layout pin 1	WH+BU	Head C: Body color	Black
Head A: Contact layout pin 2	BN	Head B: Contact layout pin 1	WH
Head A: Contact layout pin 3	GN	Head B: Contact layout pin 2	BN
Head A: Contact layout pin 4	YE	Head B: Contact layout pin 3	GN
Head A: Contact layout pin 5	GY	Head B: Contact layout pin 4	YE
Head A: Contact layout pin 6	PK	Head B: Contact layout pin 5	GY
Head A: Contact layout pin 7	BK	Head B: Contact layout pin 6	PK
Head A: Contact layout pin 8	BN	Head B: Contact layout pin 7	BK
Head B: Contact layout pin 8	BN	Head B: Contact layout pin 8	BN
Side B		Cables	
Head B: Connection	M12	Cable length	300 mm
Head B: Angle cable outlet	0°	Length tolerance	± 20 mm
Head B: Gender	Male	Shielded	Yes
Head B: Coding	A	AWG	24
Head B: No. of poles	8	External sheath: Material	PVC
Head B: Width across flats	AF13	External sheath: Color	Black
Head B: Tightening torque	0.6 Nm		

Technical data

Cable

Cable diameter tolerance	6.9 ± 5 %
Shielded	Yes
Length tolerance	± 20 mm
Cable length	300 mm
AWG	24
External sheath: Material	PVC
External sheath: Color	Black

Electrical data

Operating voltage	30 V AC/DC 0
Operating current per contact	2 A

Mechanical data

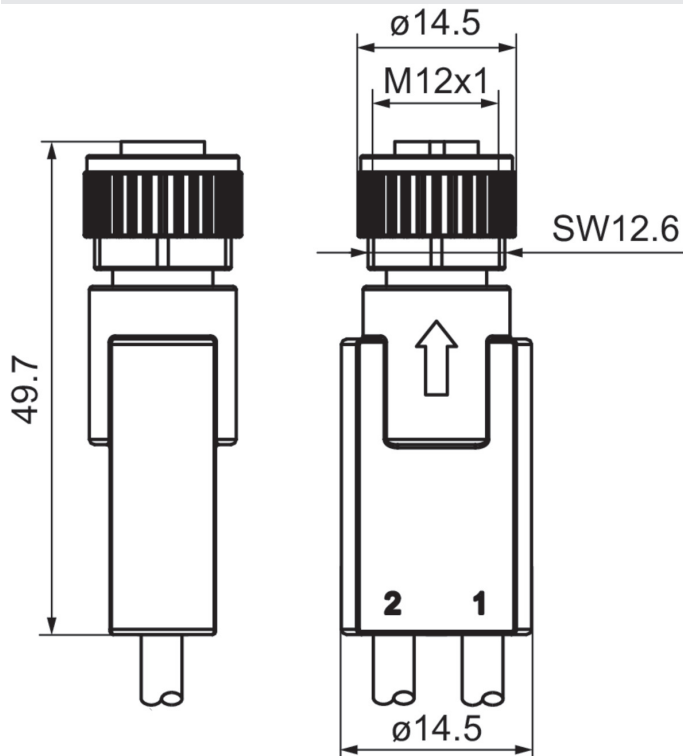
Head A: Degree of protection	IP67
Head B: Degree of protection	IP67
Head C: Degree of protection	IP67

Environmental conditions

Temperature range (mobile)	- 25 ...+ 80 °C
Temperature range (fixed)	- 40 ...+ 80 °C

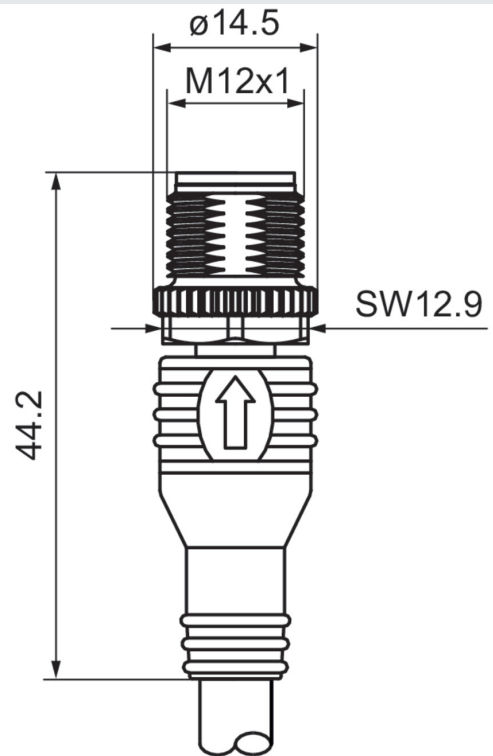
Side A

Technical drawing



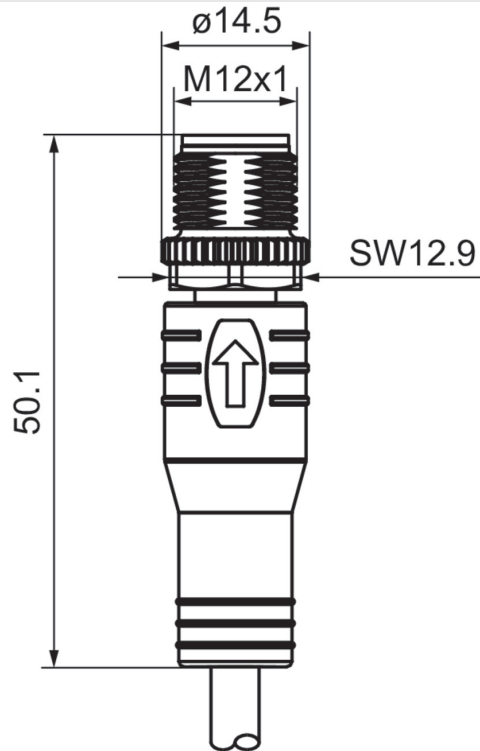
Side B

Technical drawing



Side B

Technical drawing



Connection diagram

