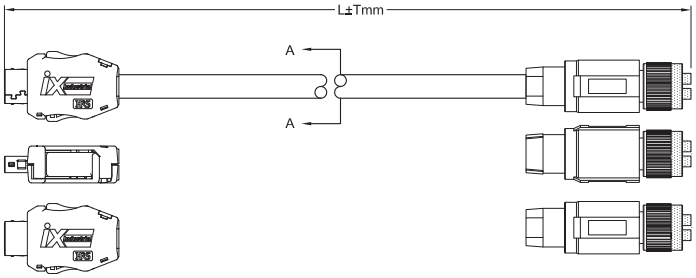
Ethernet Industrial Cable for IIoT

IX Industrial CAT.6A Shielded Cable, IX A Key to M12 X-Code Female Straight, PUR, Drag Chain Suitable

PN: 54-5018100-XXM

Overview

- ix Male A TYPE to M12 Female X PUR Cable
- Head A: IP20; Head B: IP66K,IP67
- Cable: SF/UTP 4*[26AWG(30/0.08±0.008BC)+Non-woven fabric]+PP PORE*5+AL/MYLAR+BRAID(16*9/0.10TC)+Non-woven fabric OD:Ø6.8±0.2MM PUR JACKET.



Technical data

Side A	
Head A: Connection	ix
Head A: Angle cable outlet	0°
Head A: Gender	Male
Head A: Coding	A
Head A: No. of poles	10P10C
Head A: LED	No
Head A:Plating Thickness	G/F
Head A:Housing Color	Black
Head A:Shell Material	Stainless steel

Side B	
Head B: Connection	M12
Head B: Angle cable outlet	0°
Head B: Gender	Female
Head B: Coding	X
Head B: No. of poles	8
Head B: LED	No
Head B: Width across flats	SW13
Head B: Tightening torque	0.6 Nm
Head B: Knurled nut material	Zinc-pressure die casting, surface Ni
Head B: Body colo	Black
Labeling sleeve side	Yes
O-Ring:	Silica gel

Cables	
Cable length	0~20m
Length tolerance	±20/±80mm
Shielded	Yes
Conductor structure	30x0.08mm
AWG	26
External sheath: Material	PUR
External sheath: Color	Green
Cable diameter	6.8±0.2mm
Wire cross section	36.3mm²

Electrical data	
Operating voltage	max.60V DC
Nominal voltage	300 V
Contact resistance	max. 30 mΩ
Current rating	1.5 A

Mechanical data	
Head A: Degree of protection	IP20
Head B: Degree of protection	IP66K, IP67
Bending radius (mobile)	min.15 x outer diameter
Bending radius (fixed)	min.10 x outer diameter
Torsion Supported	

Environmental conditions	
Temperature range (mobile)	-25°C+70°C
Temperature range (fixed)	-25°C+80°C
Cable: Temperature range (fixed)	-40°C+80°C
Dragchain capable	Yes
Head A: Mating cycles	min5000
Head A: Flame resistance	HB (UL 94V-0)
Head A: Insertion and unplugging force	25N
Cable: Silicone-free	Yes

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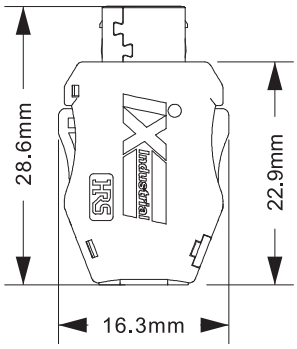
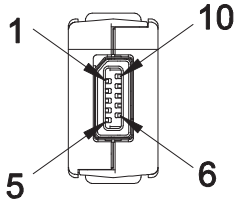
Technical data

Side A

Technical drawing

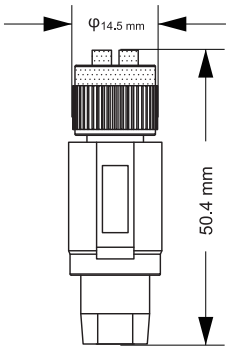


Coding

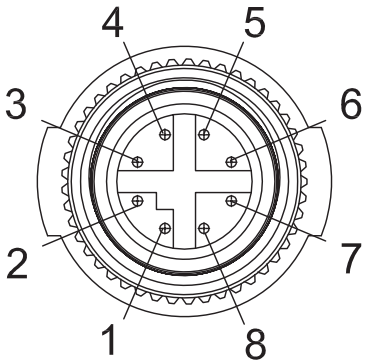


Side B

Technical drawing



Coding



Connection diagram

P1	P2	
1	1	WHITE/ORANGE
2	2	ORANGE
4	7	BLUE
5	8	WHITE/BLUE
6	3	WHITE/GREEN
7	4	GREEN
9	5	WHITE/BROWN
10	6	BROWN
S	S	SHIELDED

Sectional view