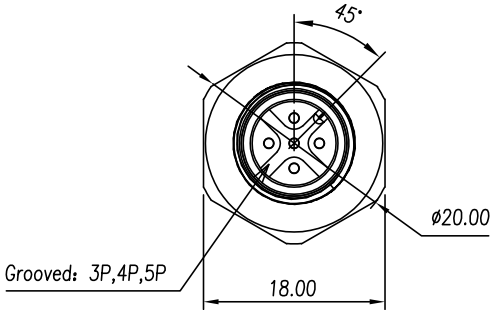
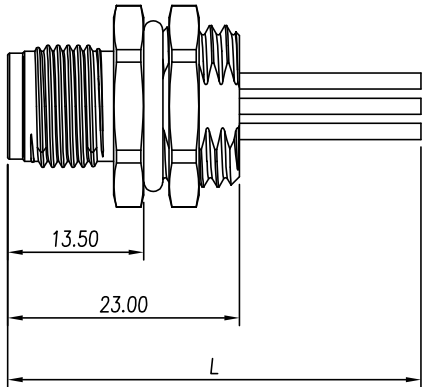
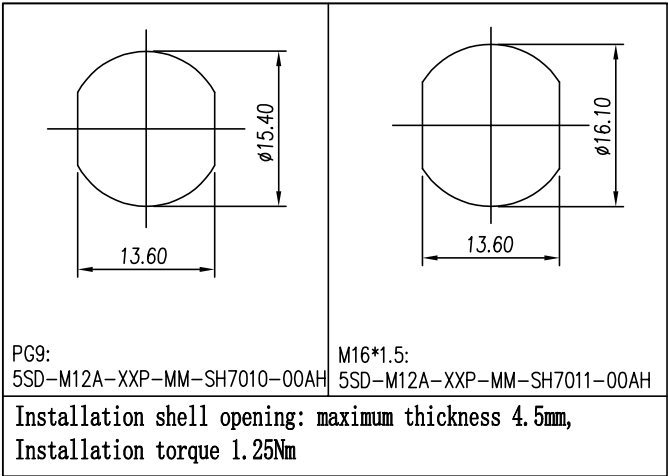




REV	ECN	SIGN	DATE	DESCRIPTION
1.0	V0	K. ZHAO	2024/12/30	

Technical Parameter:

- 1.Insulation Resistance: $\geq 100\text{M}\Omega$
- 2.Contact Resistance: $\leq 10\text{m}\Omega$
- 3.Durability: ≥ 100 cycles
- 4.Locking Torque: 0.4Nm
- 5.Compliant with RoHS
- 6.Protection Level: IP68
(1 meter water depth, 24 hours); IP69K
- 7.Cable: PVC/PUR sheathed wire, black outer sheath
- 8.Temperature Range: $-25^{\circ}\text{C}\sim 85^{\circ}\text{C}$
- 9.Cable Length Tolerance:
01~03m: $\pm 25\text{mm}$
04~06m: $\pm 50\text{mm}$
07~10m: $\pm 75\text{mm}$
11~20m: $\pm 100\text{mm}$
21~30m: $\pm 200\text{mm}$
31~99m: $\pm 300\text{mm}$

Thread type:
0: PG9
1: M16*1.5

5SD-M12A - XXP -MM-SL7XXX - 00AH

Coding: A,B,D,S,T

Poles

Cable length:
01: 01Meter
02: 02Meters
.
.
99: 99Meters

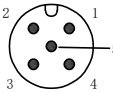
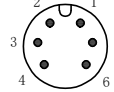
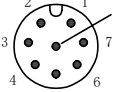
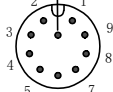
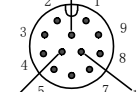
Standard

Remark: This drawing is a controlled document for Cymanu. All specifications are subject to change without prior notice.

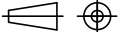
		DRAWN: K. ZHAO	DATE: 2024/12/30	PART NO: 5SD-M12A-XXP-MM-SH7011-00AH	 NINGBO CHANGYU ELECTRONICS MANUFACTURING CO., LTD Email: sales@cymanu.com WWW.CYMANU.COM
SIZE: A4	SCALE: 4 : 3	CHECKED: T. Pan	DATE: 2024/12/30	TITLE: M12A, Male, front-end installation	
UNIT:mm	SHEET: 1 / 2	APPROVED: H. JIANG	DATE: 2024/12/30	CUSTOMER:	

REV	ECN	SIGN	DATE	DESCRIPTION
1.0	V0	K. ZHAO	2024/12/30	

Remarks: Pollution Level (3)/Overvoltage Category (II)/Material Group (I)

Number of Positions	3P		4P		5P		6P		8P		10P		12P	
Coding														
Current/Voltage	4A/250V		4A/250V		4A/60V		2A/30V		2A/30V		1.5A/30V		1.5A/30V	
Voltage Proof	1.4kV		1.4kV		1.0kV		0.65kV		0.65kV		0.5kV		0.5kV	
Rated Impulse Voltage	2.5kV		2.5kV		1.5kV		0.8kV		0.8kV		0.8kV		0.8kV	
Wire specifications	0.34mm ² /22AWG		0.34mm ² /22AWG		0.34mm ² /22AWG		0.25mm ² /24AWG		0.25mm ² /24AWG		0.14mm ² /26AWG		0.14mm ² /26AWG	
Wire Color	PIN	WIRE	PIN	WIRE	PIN	WIRE	PIN	WIRE	PIN	WIRE	PIN	WIRE	PIN	WIRE
	1	Brown	1	Brown	1	Brown	1	White	1	White	1	White	1	White
	2		2	White	2	White	2	Brown	2	Brown	2	Brown	2	Brown
	3	Blue	3	Blue	3	Blue	3	Green	3	Green	3	Green	3	Green
	4	Black	4	Black	4	Black	4	Yellow	4	Yellow	4	Yellow	4	Yellow
					5	Gray	5	Gray	5	Gray	5	Gray	5	Gray
							6	Pink	6	Pink	6	Pink	6	Pink
									7	Blue	7	Blue	7	Blue
									8	Red	8	Red	8	Red
											9	Black	9	Black
											10	Violet	10	Violet
													11	Grey/Pink
													12	Red/Blue

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		DRAWN: K. ZHAO	DATE: 2024/12/30	PART NO: 5SD-M12A-XXP-MM-SH7011-00AH	 NINGBO CHANGYU ELECTRONICS MANUFACTURING CO., LTD Email: sales@cymanu.com WWW.CYMANU.COM
SIZE: A4	SCALE: 4 : 3	CHECKED: T. Pan	DATE: 2024/12/30	TITLE: M12A, Male, front-end installation	
UNIT:mm	SHEET: 2 / 2	APPROVED: H. JIANG	DATE: 2024/12/30	CUSTOMER:	