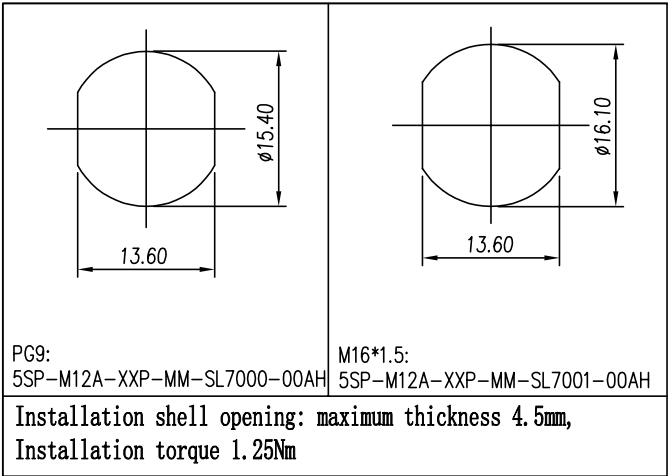
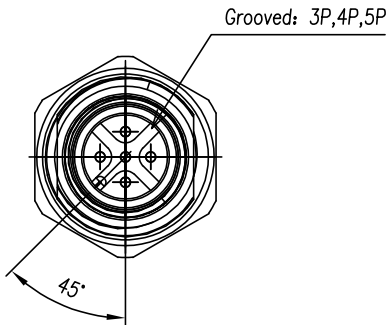
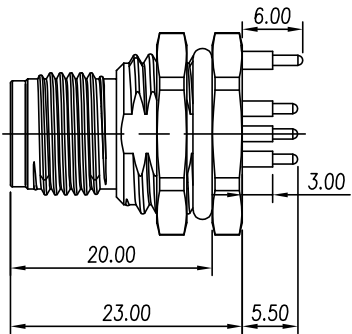
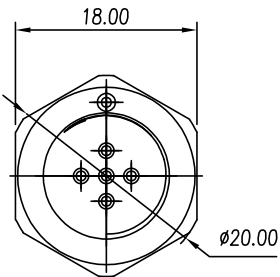


REV	ECN	SIGN	DATE	DESCRIPTION
1.0	V0	K. ZHAO	2024/12/28	

Technical Parameter:

- 1.Insulation Resistance: $\geq 100M\Omega$
- 2.Contact Resistance: $\leq 10m\Omega$
- 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.Temperature Range: $-25^{\circ}C \sim 85^{\circ}C$

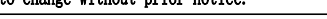


5SP-M12A - XXP -MM-SL7001 - 00AH

Coding: A,B,D Poles Thread type: Standard

000:PG9 001:M16*1.5

	linear dimension							≡	—	□	//	⊥
variable range	to 10	over 18 to 30	over 30 to 50	over 50 to 80	over 80 to 120	over 120 to 160	over 160 to 200	all	to 5	over 5 to 30	over 30 to 120	over 120 to 200
tolerance	±0.15	±0.25	±0.35	±0.45	±0.60	±0.75	±0.90	0.5	0.025	0.06	0.12	0.4

Remark: This drawing is a controlled document for Cymanu. All specifications are subject to change without prior notice.											
		DRAWN: K. ZHAO		DATE: 2024/12/28		PART NO: 5SP-M12A-XXP-MM-SL7001-00AH		 NINGBO CHANGYU ELECTRONICS MANUFACTURING CO., LTD Email: sales@cymanu.com WWW.CYMANU.COM			
SIZE: A4		SCALE: 4 : 3		CHECKED: T. Pan		DATE: 2024/12/28				TITLE: M12A, Male, PCB installation	
UNIT:mm		SHEET: 1 / 2		APPROVED: H. JIANG		DATE: 2024/12/28				CUSTOMER:	

REV	ECN	SIGN	DATE	DESCRIPTION
1.0	V0	K. ZHAO	2024/12/28	

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
PCB Layout							

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

	DRAWN:	K. ZHAO	DATE:	2024/12/28	PART NO:	5SP-M12A-XXP-MM-SL7001-00AH
	SCALE:	4 : 3	CHECKED:	T. Pan	DATE:	2024/12/28
	SHEET:	2 / 2	APPROVED:	H. JIANG	DATE:	2024/12/28
UNIT:mm						CUSTOMER:
						NINGBO CHANGYU ELECTRONICS MANUFACTURING CO., LTD
						Email: sales@cymanu.com WWW.CYMANU.COM