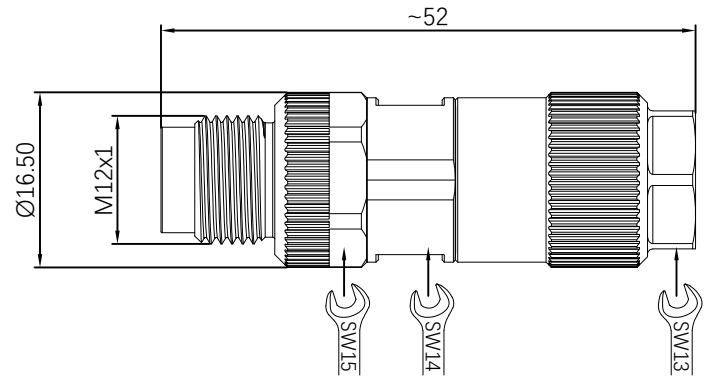
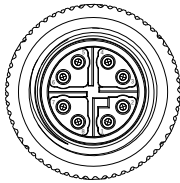


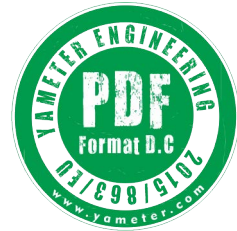
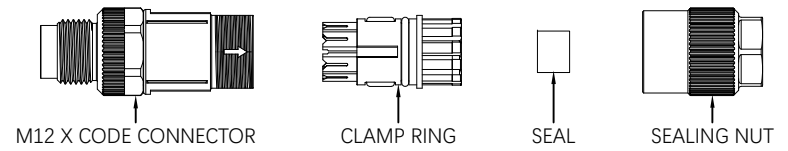
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO YAMETER AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.



- Material:
- 1. Metal Thread: Zinc Alloy, Nickel-Plated
 - 2. Metal Housing: Zinc Alloy, Nickel-Plated
 - 3. Cross Shell: Zinc Alloy, Nickel-Plated
 - 4. Metal Shrapnel: Stainless Steel, Nickel-Plated
 - 5. Snap Ring: Stainless Steel, Nickel-Plated
 - 6. Insulation Housing: PA, Black
 - 7. O-Ring: Silicone, Black
 - 8. Metal Connect Nut: Copper Alloy, Nickel-Plated
 - 9. Insulation Sleeve: PA, Black.
 - 10. Metal Body: Zinc Alloy, Nickel-Plated
 - 11. Clamp Ring: Copper Alloy, Nickel-Plated
 - 12. Cable Clamp: PA, Black
 - 13. O-Ring: Silicone, Black
 - 14. Pressing Nut: Zinc Alloy, Nickel-Plated
 - 15. Seal: Silicone, Black
 - 16. Contact: Copper Alloy, Gold-Plated

- Technical Data:
- 1. Standard: IEC61076-2-109
 - 2. Rated Voltage: DC60V/AC50V
 - 3. Rated Current: 0.5A
 - 4. Temperature Range: -40°C~+85°C
 - 5. Mating Life: ≥500 Times Cycles
 - 6. Protection Degree: IP67 (Correct locking state)
 - 7. Transmission rate: 10Gbit/s
 - 8. Bandwidth requirements: CAT6a
 - 9. Applicable Cable Diameter: Ø6.8~9mm
 - 10. Applicable Wire Gauge: 26AWG~23AWG

Pin Assignment		
Pin No.	TIA/EIA568A	TIA/EIA568B
1	WHITE/GREEN	WHITE/ORANGE
2	GREEN	ORNAGE
3	WHITE/ORANGE	WHITE/GREEN
4	ORNAGE	GREEN
5	WHITE/BROWN	WHITE/BROWN
6	BROWN	BROWN
7	WHITE/BLUE	WHITE/BLUE
8	BLUE	BLUE



UNMARKED TOLERANCES

DIMENSIONS	TOLERANCE
x	±0.5
x.x	±0.25
x.xx	±0.15
0 to 500	+15 / -0
> 501	+3W/-0 of length
ANGLES	
x°	±1°

TITLE: M12 X CODE CONNECTOR
IDC TERMINATION METAL FIELD
INSTALLATION ETHERNET
PROFINET

CUSTOMER	-	CUSTOMER PART NO.	-
DRAWN BY	MAY.YU	PART NUMBER	M12XM08A7BK22
CHECKED BY	BILL.LEE	DRAWING NUMBER	1411043
APPROVED BY	TIGER.WANG	SCALE FREE	ALL DIMENSION UNIT IN MM

SIZE	REV
A3	A

SHEET 1 OF 1

