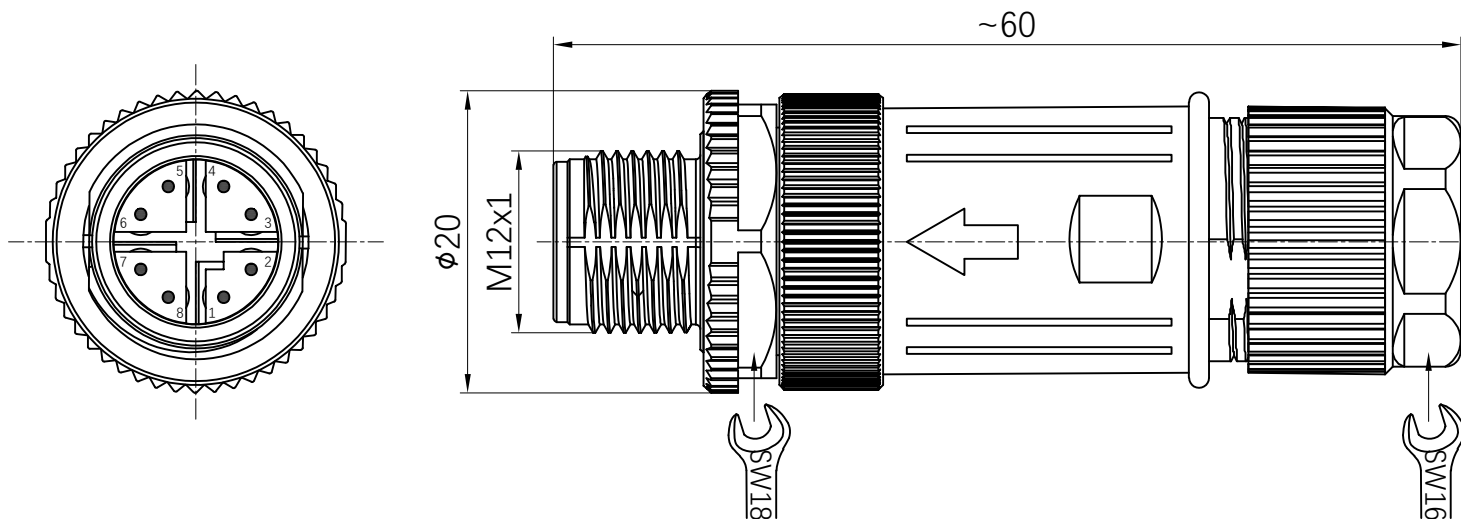


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO YAMETER AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

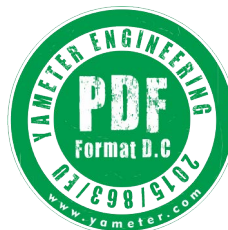
1	2	3	4	5	6	7	8	9	10	Customer drawing
REV	ECN NO	DESCRIPTION			DATE	APPROVED				
A	-	NEW RELEASED			2020.07.28	MAY.YU				

RoHS






#### Material:

1. Metal Thread Housing: Zinc Alloy, Plated Nickel.
2. Contact: Copper Alloy, Plated Gold.
3. Metal Shrapnel: Stainless Steel, Plated Nickel.
4. Snap Ring: Stainless Steel, Plated Nickel.
5. Metal Shell: Zinc Alloy, Plated Nickel.
6. Insulation Housing: PA, Black, UL94V-0.
7. Clamp Ring: Copper Alloy, Plated Nickel.
8. O-Ring: NBR, Black.
9. Cable Clamp: PA, Black.
10. Sealing Gasket: NBR, Black.
11. Pressing Nut: Zinc Alloy, Plated Nickel.



#### Technical Data:

1. Standard: IEC61076-2-109
2. Rated Voltage: 60V DC
3. Rated Current: 0.5A
4. Rated Temperature:  $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$
5. Durability:  $\geq 100$  Times Cycles
6. Protection Degree: IP67 (Correct locking state)
7. Transmission rate: 10Gbit/s
8. Bandwidth requirements: CAT6a
9. Applicable Cable Diameter:  $\phi 7\sim 9\text{mm}$
10. Applicable Wire Gauge: 26AWG~24AWG

UNMARKED TOLERANCES		TITLE M12 CONNECTOR X CODE ETHERNET PLUG METAL FIELD INSTALLATION STRAIGHT		<div> Yameter</div> <div></div>				
DIMENSIONS	TOLERANCE							
x.	±0.5							
x.x	±0.25							
x.xx	±0.15							
0 to 500	+15 / -0	CUSTOMER	-	CUSTOMER PART NO.	-	<div></div>		
> 501	+3%/-0 of length	DRAWN BY	MAY.YU	PART NUMBER	M12XM08A7BK01		SIZE	REV
ANGLES		CHECKED BY	BILL.LEE	DRAWING NUMBER	M12XM08A7BK01		A4	A
x°	±1°	APPROVED BY	TIGER.WANG	SCALE FREE	ALL DIMENSION UNIT IN MM		SHEET 1 OF 1	

0 10 20 30 40 50 60 70 80 90 100 110 120