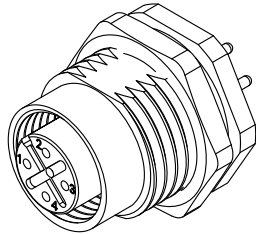
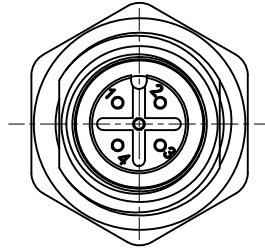


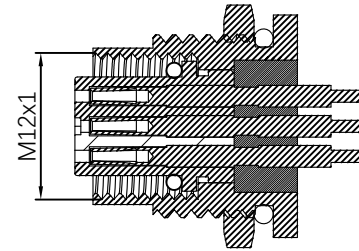
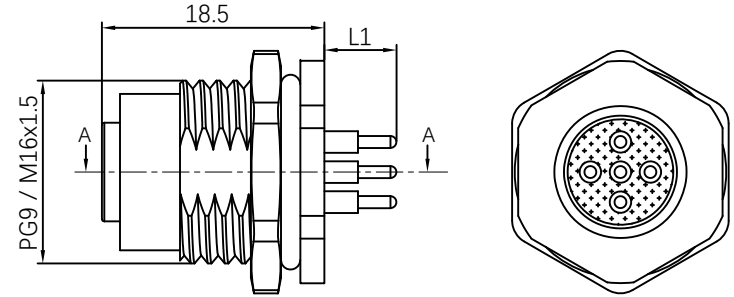
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO YAMETER AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.



3D View



Front View See Table 1



Section View A-A

Material:

1. Insulation Housing: PA, Black
2. Metal Shell: Copper Alloy, Plated Nickel
3. Contact: Copper Alloy, Plated Gold
4. Metal Nut: Copper Alloy, Plated Nickel
5. O-Ring: Silicone, Black
6. Epoxy: Black Epoxy

Technical Data:

1. Standard: See Table 1
2. Rated Voltage: See Table 1
3. Rated Current: See Table 1
4. Rated Temperature: -40°C~+80°C
5. Durability: ≥500 Times Cycles
6. Protection Degree: IP67 (Correct locking state)

TABLE 1

Sensorconnector.com Connector Part No.	Coding & Pins	Socket Pinout	P.C.B Layout	Contact Size	Rated Current	Rated Voltage	Optional Thread	Reference Standard
M12AS0439BK01	A Code 4 Pin			Ø1.0	4A	250V/DC	PG9	IEC61076-2-101
M12AS0439BK02							M16*1.5	
M12AS0539BK01	A Code 5 Pin			Ø1.0	4A	60V/DC	PG9	IEC61076-2-101
M12AS0539BK02							M16*1.5	
M12AS0839BK01	A Code 8 Pin			Ø0.8	2A	30V/DC	PG9	IEC61076-2-101
M12AS0839BK02							M16*1.5	
M12AS1239BK01	A Code 12 Pin			Ø0.6	1.5A	30V/DC	PG9	IEC61076-2-101
M12AS1239BK02							M16*1.5	
M12AS1739BK01	A Code 17 Pin			Ø0.6	1.5A	30V/DC	PG9	IEC61076-2-101
M12AS1739BK02							M16*1.5	
M12BS0539BK01	B Code 5 Pin			Ø1.0	4A	60V/DC	PG9	IEC61076-2-101
M12BS0539BK02							M16*1.5	
M12DS0439BK01	D Code 4 Pin			Ø1.0	4A	250V/DC	PG9	IEC61076-2-101
M12DS0439BK02							M16*1.5	
M12KS0539BK01	K Code 5 Pin			Ø1.5	12A	630V/DC	PG9	IEC61076-2-111
M12KS0539BK02							M16*1.5	
M12LS0539BK01	L Code 5 Pin			Ø1.5	16A	63V/DC	PG9	IEC61076-2-111
M12LS0539BK02							M16*1.5	
M12MS0639BK01	M Code 6 Pin			Ø1.0	8A	630V/DC	PG9	IEC61076-2-111
M12MS0639BK02							M16*1.5	
M12SS0439BK01	S Code 4 Pin			Ø1.5	12A	630V/DC	PG9	IEC61076-2-111
M12SS0439BK02							M16*1.5	
M12TS0439BK01	T Code 4 Pin			Ø1.5	12A	63V/DC	PG9	IEC61076-2-111
M12TS0439BK02							M16*1.5	

A / B / D / T Coding	K / L / M / S Coding
Recommend Panel CUT-OUT	

UNMARKED TOLERANCES		TITLE M12 DEVICE CONNECTOR SOCKET PANEL REAR MOUNT FEMALE PCB SOLDER PINS		 Yameter				
DIMENSIONS	TOLERANCE							
x	±0.5	CUSTOMER	-	CUSTOMER PART NO.	-			
x.x	±0.25							
x.xx	±0.15							
0 to 500	+15 / -0	DRAWN BY	MAY.YU	PART NUMBER	M12SXX39BK01	SIZE A3	REV A	
> 501	+3W/-0 of length	CHECKED BY	BILL.LEE	DRAWING NUMBER	M12SXX39BK01			
ANGLES		APPROVED BY	TIGER.WANG	SCALE FREE	ALL DIMENSION UNIT IN MM		SHEET 1 OF 1	
x°	±1°							

