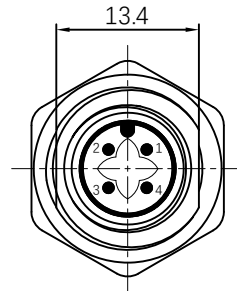
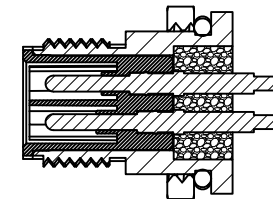
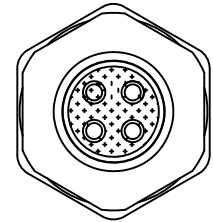
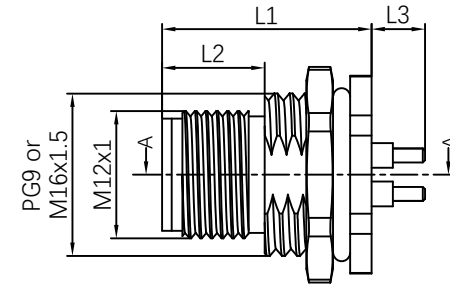


3D View



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)

A / B / D / T Coding	K / L / M / S Coding

PG9: Ø15.3^{+0.1}_{-0.0}
M16: Ø16.1^{+0.1}_{-0.0}

Recommend Panel CUT-OUT

UNMARKED TOLERANCES		TITLE		M12 DEVICE CONNECTOR		Yameter		QR CODE	
DIMENSIONS	TOLERANCE	M12 DEVICE CONNECTOR		PLUG PANEL REAR MOUNT		Yameter		QR CODE	
x	±0.5	CUSTOMER		-		CUSTOMER PART NO.		-	
x.x	±0.25	DRAWN BY		MAY.YU		PART NUMBER		M12XPXX39BK01	
x.xx	±0.15	CHECKED BY		BILL.LEE		DRAWING NUMBER		M12XPXX39BK01	
0 to 500	+15 / -0	APPROVED BY		TIGER.WANG		SCALE FREE		ALL DIMENSION UNIT IN MM	
> 501	+3W/-0 of length							SHEET 1 OF 1	
ANGLES									
x°	±1°								

TABLE 1

Sensorconnector.com Connector Part No.	Coding & Pins	Plug Pinout	P.C.B Layout	Contact Size	Rated Current	Rated Voltage	Optional Thread	Reference Standard
M12AP0439BK01	A Code 4 Pin			Ø1.0	4A	250V/DC	PG9	IEC61076-2-101
M12AP0439BK02							M16*1.5	
M12AP0539BK01	A Code 5 Pin			Ø1.0	4A	60V/DC	PG9	IEC61076-2-101
M12AP0539BK02							M16*1.5	
M12AP0839BK01	A Code 8 Pin			Ø0.8	2A	30V/DC	PG9	IEC61076-2-101
M12AP0839BK02							M16*1.5	
M12AP1239BK01	A Code 12 Pin			Ø0.6	1.5A	30V/DC	PG9	IEC61076-2-101
M12AP1239BK02							M16*1.5	
M12AP1739BK01	A Code 17 Pin			Ø0.6	1.5A	30V/DC	PG9	IEC61076-2-101
M12AP1739BK02							M16*1.5	
M12BP0539BK01	B Code 5 Pin			Ø1.0	4A	60V/DC	PG9	IEC61076-2-101
M12BP0539BK02							M16*1.5	
M12DP0439BK01	D Code 4 Pin			Ø1.0	4A	250V/DC	PG9	IEC61076-2-101
M12DP0439BK02							M16*1.5	
M12KP0539BK01	K Code 5 Pin			Ø1.5	12A	630V/DC	PG9	IEC61076-2-111
M12KP0539BK02							M16*1.5	
M12LP0539BK01	L Code 5 Pin			Ø1.5	16A	63V/DC	PG9	IEC61076-2-111
M12LP0539BK02							M16*1.5	
M12MP0639BK01	M Code 6 Pin			Ø1.0	8A	630V/DC	PG9	IEC61076-2-111
M12MP0639BK02							M16*1.5	
M12SP0439BK01	S Code 4 Pin			Ø1.5	12A	630V/DC	PG9	IEC61076-2-111
M12SP0439BK02							M16*1.5	
M12TP0439BK01	T Code 4 Pin			Ø1.5	12A	63V/DC	PG9	IEC61076-2-111
M12TP0439BK02							M16*1.5	

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