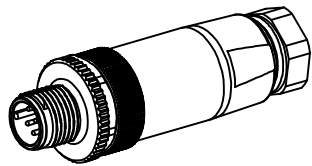
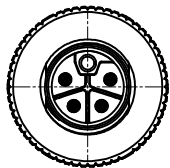


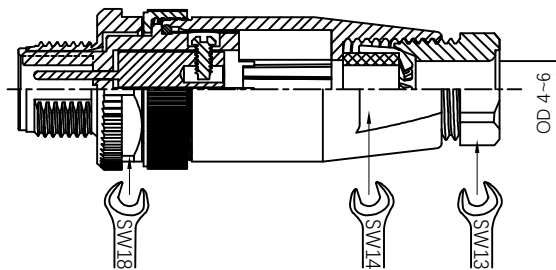
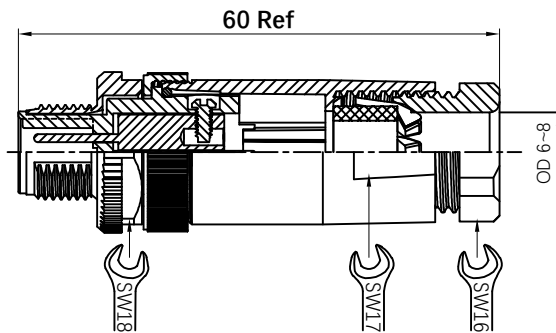
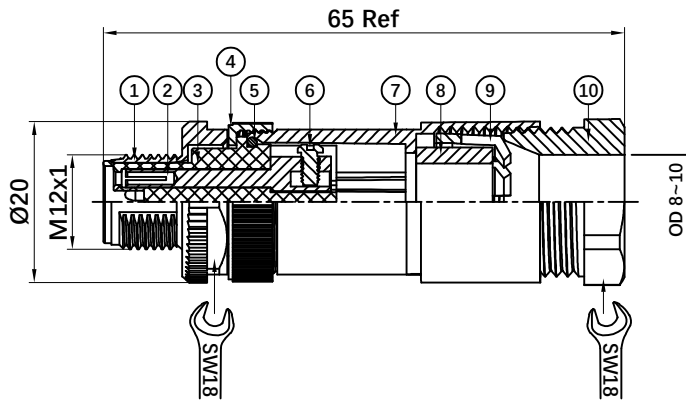
REV	ECN NO	DESCRIPTION	DATE	APPROVED
A	-	NEW RELEASED	2022.01.05	MAY.YU



3D View



View A
See Table 1



Material:

1. M12 Metal Thread: Zinc Alloy, Plated Nickel
2. Contact: Copper Alloy, Plated Gold
3. Insulation Housing: Nylon66, Black
4. Connection Nut: Nylon66, Black
5. O-Ring: Nitrile rubber, Black
6. Screw: Carbon steel, Plated-Ni
7. Plastic Shell: Nylon66, Black
8. Cable Seal: Silicone, Black
9. Cable Clamp: Nylon66, Black
10. Pressing Nut: Nylon66, Black

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)

Connector Table 1

Yameter Part No.	Coding & Pins	Plug Pin out	Contact Size(mm)	Rated Current	Rated Voltage	Applicable cable OD	Accord design Standard
M12AM04A8BK01	A Code 4 Pin		1.0	4A	250V/DC	4~6mm	IEC61076-2-101
M12AM04A8BK02						6~8mm	
M12AM05A8BK01	A Code 5 Pin		1.0	4A	60V/DC	4~6mm	IEC61076-2-101
M12AM05A8BK02						6~8mm	
M12AM08A8BK01	A Code 8 Pin		0.8	2A	30V/DC	4~6mm	IEC61076-2-101
M12AM04A8BK02						6~8mm	
M12BM05A8BK01	B Code 5 Pin		1.0	4A	60V/DC	4~6mm	IEC61076-2-101
M12DM04A8BK01	D Code 4 Pin		1.0	4A	250V/DC	4~6mm	IEC61076-2-101
M12KM05A8BK01	K Code 5 Pin		1.5	12A	630V/DC	8~10mm	IEC61076-2-111
M12LM05A8BK01	L Code 5 Pin		1.5	16A	63V/DC	8~10mm	IEC61076-2-111
M12MM05A8BK01	M Code 6 Pin		1.0	8A	630V/DC	8~10mm	IEC61076-2-111
M12SM05A8BK01	S Code 4 Pin		1.5	12A	630V/DC	8~10mm	IEC61076-2-111
M12TM05A8BK01	T Code 4 Pin		1.5	12A	63V/DC	8~10mm	IEC61076-2-111

UNMARKED TOLERANCES		TITLE M12 CONNECTOR PLUG PLASTIC FIELD INSTALLATION STRAIGHT		Yameter			
DIMENSIONS	TOLERANCE						
x	±0.5	CUSTOMER	-	CUSTOMER PART NO.	-		
x.x	±0.25						
x.xx	±0.15	DRAWN BY	MAY.YU	PART NUMBER	M12XMXXXBKXX	SIZE	REV
0 to 500	+15 / -0	CHECKED BY	BILL.LEE	DRAWING NUMBER	M12XMXXXBKXX	A4	A
> 501	+3W/-0 of length	APPROVED BY	TIGER.WANG	SCALE FREE	ALL DIMENSION UNIT IN MM	SHEET 1 OF 1	
ANGLES							
x°	±1°						

