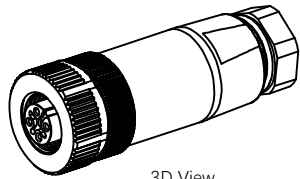


REV	ECN NO	DESCRIPTION	DATE	APPROVED
A	-	NEW RELEASED	2022.01.05	MAY.YU



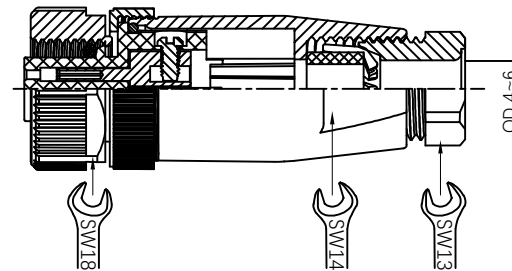
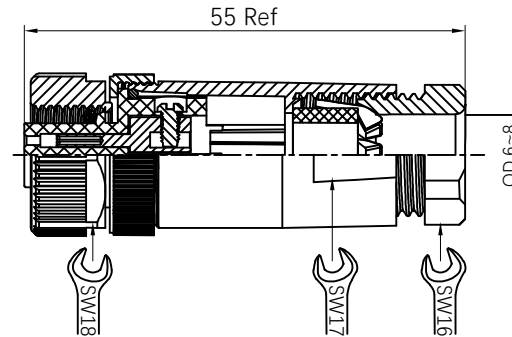
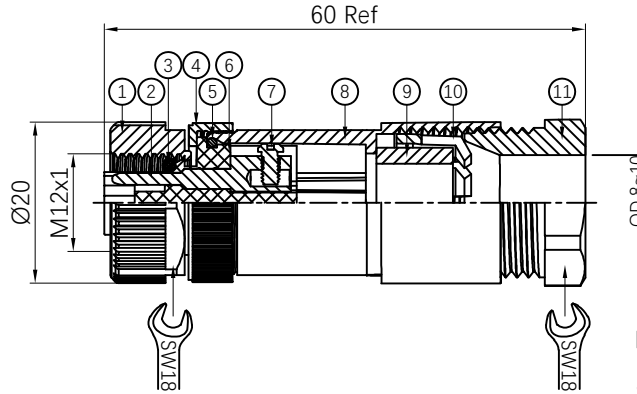
3D View



View A
See Table 1

Connector Table 1

Yameter Part No.	Coding & Pins	Socket Pin out	Contact Size(mm)	Rated Current	Rated Voltage	Applicable cable OD	Accord design Standard
M12AF04A8BK01	A Code 4 Pin		1.0	4A	250V/DC	4~6mm	IEC61076-2-101
M12AF04A8BK02						6~8mm	
M12AF05A8BK01	A Code 5 Pin		1.0	4A	60V/DC	4~6mm	IEC61076-2-101
M12AF05A8BK02						6~8mm	
M12AF08A8BK01	A Code 8 Pin		0.8	2A	30V/DC	4~6mm	IEC61076-2-101
M12AF04A8BK02						6~8mm	
M12BF05A8BK01	B Code 5 Pin		1.0	4A	60V/DC	4~6mm	IEC61076-2-101
M12DF04A8BK01	D Code 4 Pin		1.0	4A	250V/DC	4~6mm	IEC61076-2-101
M12KF05A8BK01	K Code 5 Pin		1.5	12A	630V/DC	8~10mm	IEC61076-2-111
M12LF05A8BK01	L Code 5 Pin		1.5	16A	63V/DC	8~10mm	IEC61076-2-111
M12MF05A8BK01	M Code 6 Pin		1.0	8A	630V/DC	8~10mm	IEC61076-2-111
M12SF05A8BK01	S Code 4 Pin		1.5	12A	630V/DC	8~10mm	IEC61076-2-111
M12TF05A8BK01	T Code 4 Pin		1.5	12A	63V/DC	8~10mm	IEC61076-2-111



Material:

1. M12 Metal Thread: Zinc Alloy, Plated Nickel
2. Contact: Copper Alloy, Plated Gold
3. O-Ring: Nitrile rubber, Black
4. Connection Nut: Nylon66, Black
5. O-Ring: Nitrile rubber, Black
6. Insulation Housing: Nylon66, Black
7. Screw: Carbon steel, Plated-Ni
8. Plastic Shell: Nylon66, Black
9. Cable Seal: Silicone, Black
10. Cable Clamp: Nylon66, Black
11. 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)

UNMARKED TOLERANCES		TITLE		M12 CONNECTOR SOCKET		Yameter		QR CODE	
DIMENSIONS	TOLERANCE	M12 CONNECTOR SOCKET		PLASTIC FIELD INSTALLATION		Yameter		QR CODE	
x	±0.5	CUSTOMER		-		CUSTOMER PART NO.		-	
x.x	±0.25	DRAWN BY		MAY.YU		PART NUMBER		M12XFXXXXBKXX	
x.xx	±0.15	CHECKED BY		BILL.LEE		DRAWING NUMBER		M12XFXXXXBKXX	
0 to 500	+15 / -0	APPROVED BY		TIGER.WANG		SCALE FREE		ALL DIMENSION UNIT IN MM	
> 501	+3%/ -0 of length							SHEET 1 OF 1	
ANGLES									
x°	±1°								