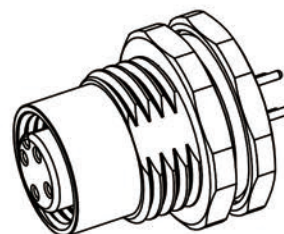
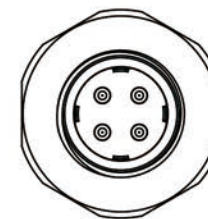
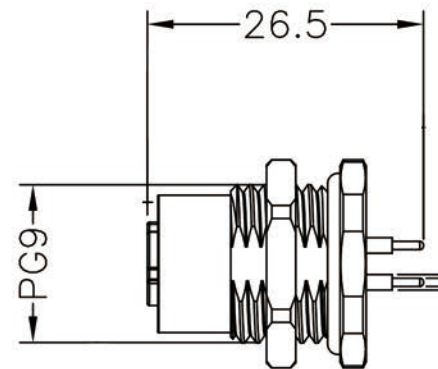
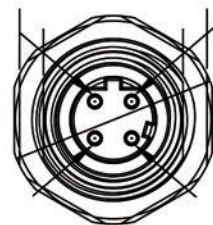


REV	DESCRIPTION	DATE	APPROVED
S0	CREATED DRAWING	2025/06/02	ZK


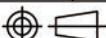


Detailed Product Description:
Waterproof connector rating is IP67
They can not be used permanently under water

Connector Electrical Characteristics:
(After the terminal is assembled)
Rating voltage: 250V AC/DC
Insulation resistance: $>100M\Omega$
Rating current: 4A
Contact resistance of connector: $\leq 5m\Omega$

Other Specification
Contact PIN: Copper alloy with Gold plating.
Coupling nut/screw: Brass with nickel plating
Insulation plastic: PA66+GF(UL94V-0)
Operating temperature: $-40^{\circ}C \sim +105^{\circ}C$
Insulation materials meet EN45545

ALL MATERIALS ARE RoHS COMPLIANT

 SIGNAL®		TITLE M12 D 4P/F FRONT MOUNT CONNECTOR	
ShenZhen Signal Electronics co., Ltd			
DRAWN BY	DATE	SGN NO 120404-04-XXX	REV.
CHECKED BY	DATE	DWG NO	S0
CHECKED BY	DATE	CUSTOMER	
APPROVED BY	DATE	TOLERANCES ARE: DECIMALES ANGLES	THIRD ANGLE PROJECTION 
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SIGNAL COMPANY. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF SIGNAL COMPANY IS PROHIBITED.		.x ±0.5	x.* ±2.0°
		.xx ±0.20	x.* ±1.0°
		SIZE: A4	UNITS: mm
		SCALE:	SHEET: 1 OF