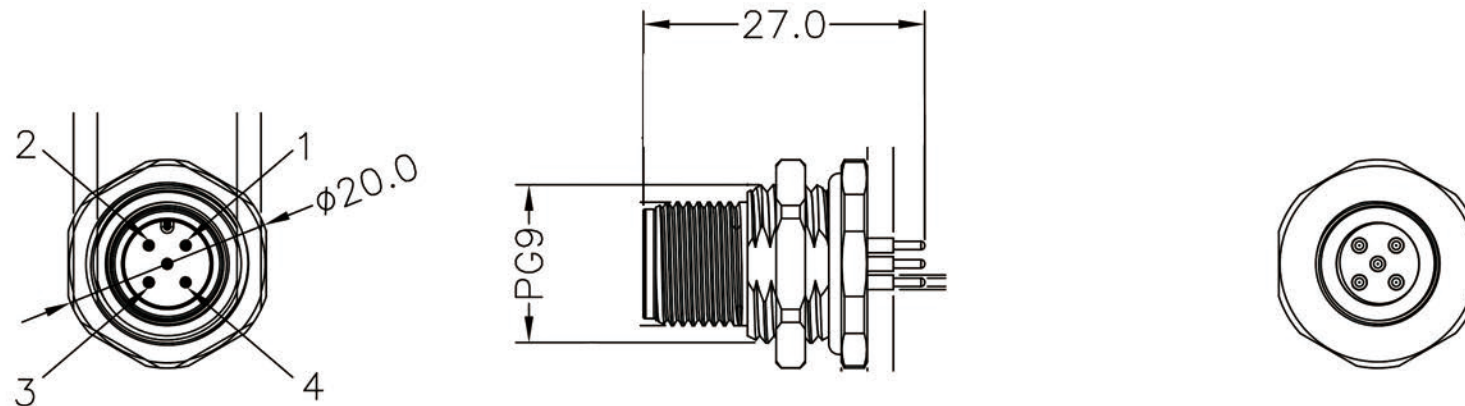


REV	DESCRIPTION	DATE	APPROVED
S0	CREATED DRAWING	2025/06/02	ZK

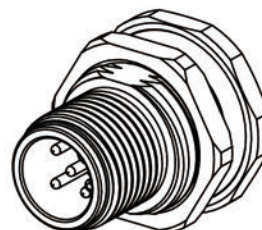



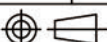
Detailed Product Description:
Waterproof connector rating is IP67
They can not be used permanently under water

Connector Electrical Characteristics:
(After the terminal is assembled)
Rating voltage: 60V 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® ShenZhen Signal Electronics co., Ltd		TITLE M12 A 5P/M FRONT MOUNT CONNECTOR	
DRAWN BY	DATE	SGN NO 120105-03-XXX	REV.
CHECKED BY	DATE	DWG NO	S0
CHECKED BY	DATE	CUSTOMER	
APPROVED BY	DATE	TOLERANCES ARE: DECIMALES ANGLES .x ±0.5 x.* ±2.0° .xx ±0.20 .x* ±1.0°	THIRD ANGLE PROJECTION  SIZE: A4 UNITS: mm SCALE: SHEET: 1 OF 1
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