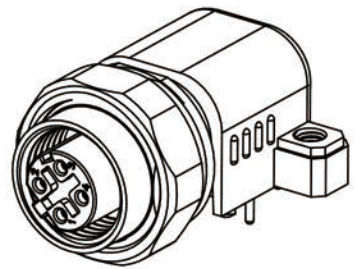
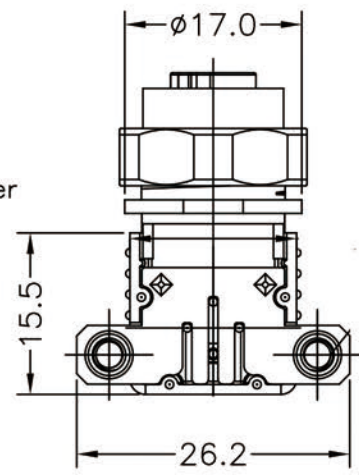
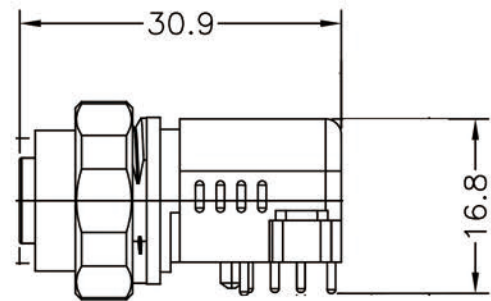
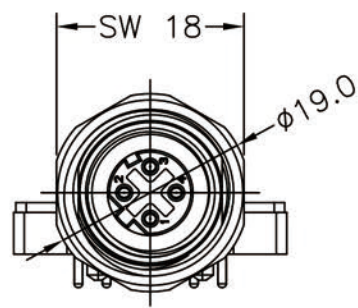


REV	DESCRIPTION	DATE	APPROVED
S0	CREATED DRAWING	2025/06/02	ZK


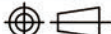


Detailed Product Description:  
 Waterproof connector rating is IP67  
 They can not be used permanently under water

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\*

<div></div> <div><b>SIGNAL®</b></div>		TITLE M12 D 4P/F FRONT MOUNT CONNECTOR	
ShenZhen Signal Electronics co., Ltd		SGN NO 120404-04-XXX	
DRAWN BY		DATE	
CHECKED BY		DATE	
CHECKED BY		DATE	
APPROVED BY		DATE	
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.		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