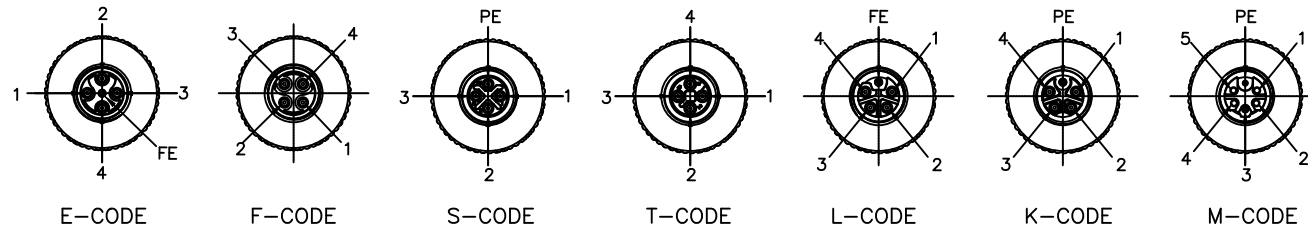


REV	DESCRIPTION	DATE	APPROVED
S0	CREATED DRAWING	2024/09/11	ZK



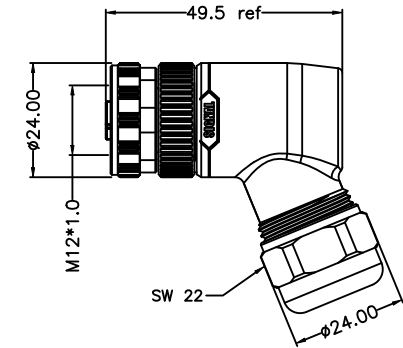
Detailed Product Description:
Waterproof connector rating is IP67
They can not be used permanently under water
Per ISO-20653,IEC60529

Insulation resistance: >100MΩ
Contact resistance of connector ≤10mΩ
Mechanical characteristics: mating / cycle >100cycle
Operating temperature: -25°C ~ +85°C

Contact Pin: Copper alloy with gold-plated
Insulation plastic: PA66

Cable peeling: (covering: 25~30mm, Conductor: 5mm)
Cable OD: 8.0~12.0mm(2 types of waterproof hoses)
Core wire Max: 2.5mm²

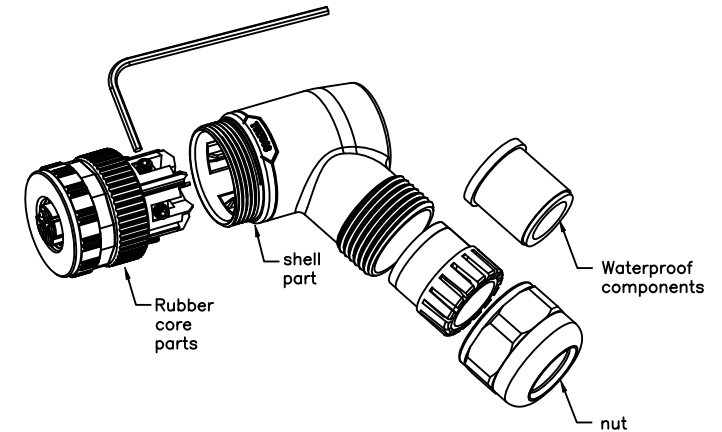
ALL MATERIALS ARE RoHS COMPLIANT



TERMINAL:SCREW

Electrical character

Part Number	Contacts	Function	Pin ϕ (mm)	Rated voltage		Rated current	Rated impulse voltage
				A/C	D/C		
121005-02-020S		4+FE	1.5	63V	63V	16A	1.5KV
121305-02-004S		4+PE	1.5	630V	630V	12A	6KV
121406-02-003S		5+PE	1.0	630V	630V	8A	6KV
120504-02-010S		3+PE	1.5	630V	630V	12A	6KV
120503-02-003S		2+PE	1.5	630V	630V	12A	6KV
120604-02-010S		4	1.5	63V	63V	12A	1.5KV
121105-02-003S		4+FE	1.5	63V	63V	16A	1.5KV
121204-02-003S		4	1.5	63V	63V	16A	1.5KV



Shenzhen Signal Electronics Co., LTD

DRAWN BY	DATE
CHECKED BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE

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TITLE M12 FEMALE PLASTIC ASSEMBLY
CONNECTOR(WITH SIGNAL LOGO)

SGN NO	SEE TABLE	REV.
DWG NO		
CUSTOMER		S0

TOLERANCES ARE:	THIRD ANGLE PROJECTION	
DECIMALES	ANGLES	SIZE: A4
.x ±0.5	x.' ±2.0'	UNITS: mm
.xx ±0.20	.x' ±1.0'	SCALE: SHEET: 1 OF