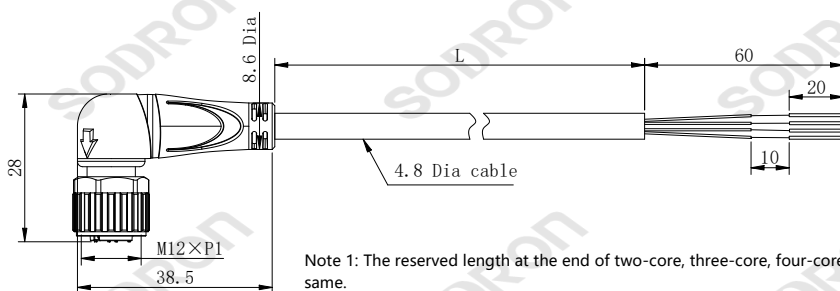


SODRON



Dimension



Note 1: The reserved length at the end of two-core, three-core, four-core, and five-core wires is the same.
 Note 2: L is the standard wire length of 2000mm, and different lengths can be customized.

Model | **Technical parameters**

Model	M12-4FVL-□-2	M12-4FVL-□-3	M12-4FVL-□	M12-5FVL-□
M12-□FVL-□-□				
Base pin count	4-core	4-core	4-core	5-core
Interface type	Female L-shaped			
Power supply(MAX)	60V DC			
Rated current(MAX)	1.5A			
Clamping torque	Thread: M12×1mm Torque: 0.6 N·m (self-locking)			
Sealing nut	M12 (SW13)			
Nut material	Zinc alloy, bright nickel-plated			
Housing material	TPU			
Protection	Tightening male/female connectors: IP67 (IEC)			
Mechanical durability	≥ 100 times			
Pin Coding	1.brown 3.blue	1.brown 3.blue 4.black	1.brown2.white3.blue4.black	1.brown2.white3.blue4.black5.gray
Coding type	A-coded			

- Product Features**
- Different pin counts meet various application requirements.
 - 90° assembly for reduced space requirement.

Connection | **General Data**

2-core	IEC 61076-2-101(M12)			
	Mounting: Male/female plug-in, locking			
3-core	Contact pin material: Phosphor bronze			
	Contact plating: Au			
4-core	Seal material: Hydrogenated nitrile rubber			
	Pollution degree: 3			
5-core	Temperature range: Operating: -25°C ~ 85°C; Storage: -40°C ~ 85°C			
	Cable Specifications			
	Jacket material: PVC			
	Jacket diameter: φ4.8mm ±0.2			
	PVC 2-core (brown blue)	PVC 3-core (brown blue black)	PVC 4-core (brown white blue black)	PVC 5-core (brown white blue black gray)
	Insulation diameter: φ1.2mm ±0.1			
	Conductor specification: 0.2mm²(bare copper, stranded 26×0.1mm)			
	Cable length: 2m(Customizable)			
	Material compliance: RoHS compliant			