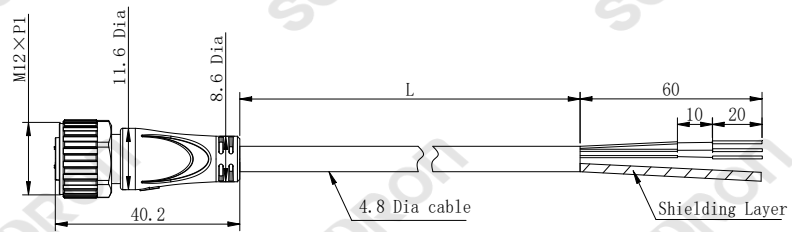




CE

Dimension



Model	Technical parameters		
M12-5FVR-05-S	Model	M12-5FVR-05-S	
	Base pin count	5-core	
	Interface type	Female straight connector	
Product Features • Different pin counts meet various application requirements. • 0° assembly for reduced space requirements	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 2.White 3.Blue+Flushed 5.Grey	
	Coding type	A-coded	
Connection	General Data		
	Standard	IEC 61076-2-101(M12)	
	Mounting	Mounting: Male/female plug-in, locking	
	Contact pin material	Phosphor bronze	
	Contact plating	Au	
	Seal material	Hydrogenated nitrile rubber (HNBR)	
	Pollution degree	3	
	Temperature range	Operating: -25°C ~ 85°C; Storage: -40°C ~ 85°C	
	Cable Specification		
	Jacket material	Oil-resistant PVC	
	Jacket diameter	φ4.8mm ±0.2	
Insulated cores	PVC 5-core (Brown, White, Blue, Black, Grey)		
Insulation diameter	φ1.2mm ±0.1		
Conductor specification	0.2mm ² (bare copper, stranded 26×0.1mm)		
Cable length	5m		
Material compliance	RoHS compliant		