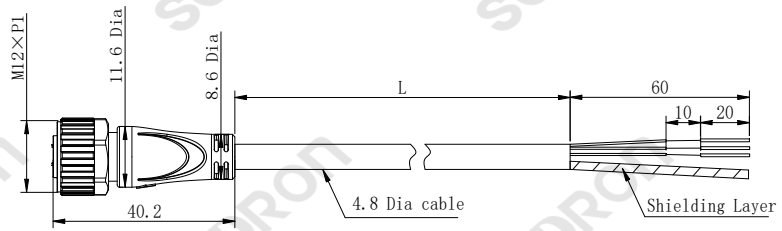




CE

Dimension



Model	Technical parameters	
M12-5FVR-02-S	Model	M12-5FVR-02-S
	Base pin count	5-core
	Interface type	Female straight connector
	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 4.Black 5.Flushed
	Coding type	A-coded
Product Features	<ul style="list-style-type: none"> • Different pin counts meet various application requirements. • 0° assembly for reduced space requirement. 	
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	2m
	Material compliance	RoHS compliant

