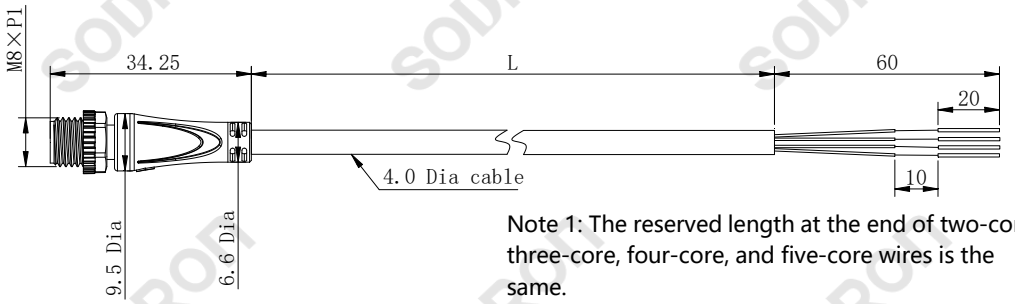
SODRON

Connection wire

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

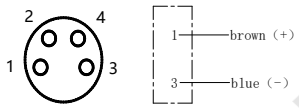
M8-□MVR-□-□

Product Features

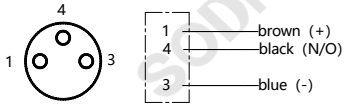
- Different pin counts meet various application requirements.
- 0°assembly for reduced space requirement.

Connection

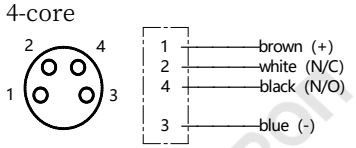
2-core



3-core



4-core



Technical parameters

Model	M8-2MVR-□-2	M8-3MVR-□	M8-4MVR-□
Base pin count	4-core	3-core	4-core
Interface type	Male straight connector		
Power supply(MAX)	30V DC		
Rated current(MAX)	1.5A		
Clamping torque	Thread: M8×1mm | Torque: 0.4 N·m，(self-locking)		
Sealing nut	M8 (SW9)		
Nut material	Zinc alloy，bright nickel plating		
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
Coding type	A-coded		

General Data

Standard	IEC 61076-2-104(M8)
Mounting	Mounting: Male/female plug-in, locking
Contact pin material	Phosphor bronze
Contact plating	Au
Seal material	Hydrogenated Nitrile Butadiene Rubber
Pollution degree	3
Temperature range	Operating:-25℃～85℃ Storage: -40℃～85℃

Cable Specifications

Jacket material	PVC		
Jacket diameter	φ4mm ±0.2		
Insulated cores	PVC 2-core (brown blue)	PVC 3-core (brown blue black)	PVC 4-core (brown white blue black)
Insulation diameter	φ1.1mm ±0.1		
Conductor specification	0.2mm² (bare copper, stranded 26×0.1mm)		
Cable length	2m(Customizable)		
Material compliance	RoHS compliant		