Model

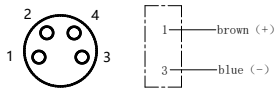
M8-□MVL-□Y-□

Product Features

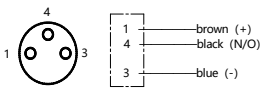
- Different pin counts meet various application requirements.
- 90° angled design fits narrow installation spaces.
- TPU over-molded body: excellent flame retardancy and chemical corrosion resistance.

Connection

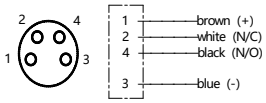
2-core



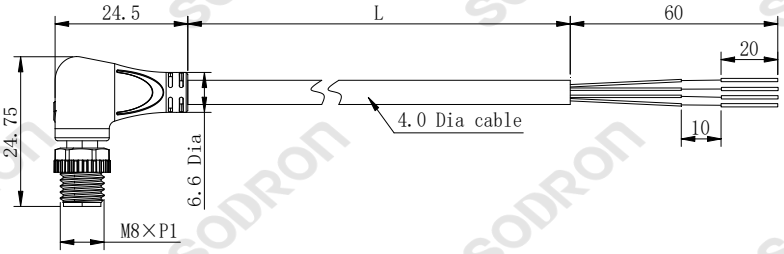
3-core



4-core



Dimension



Note 1: The reserved length at the end of the wire is the same

Note 2: L is the standard wire length of 2000mm, and different lengths can be

Technical parameters

Model	M8-4MVL-□Y-2	M8-3MVL-□Y	M8-4MVL-□Y
Base pin count	4-core	3-core	4-core
Interface type	Male elbow		
Power supply(MAX)	30V DC		
Rated current(MAX)	1.5A		
Clamping torque	Thread: M8×1mm, Recommended torque: 0.4 N·m, self-locking		
Sealing nut	M8 (SW9)		
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.Brown 2.White 3.Blue 4.Black
Coding type	A-coded		
LED indicator	Green、Red		

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 rubber (HNBR)
Pollution degree	3
Temperature range	Operating: -25°C ~ 85°C; Storage: -40°C ~ 85°C

Cable Specification

Jacket material	PVC		
Jacket diameter	φ4mm ±0.2		
Insulated cores	PVC 2-core (Brown, Blue)	PVC 3-core (Brown, Blue, Black)	VC 4-core (Brown, White, Blue, Blacl
Insulation diameter	φ1.1mm ±0.1		
Conductor specification	0.2mm² (bare copper, stranded 26×0.1mm)		
Cable length	2m (standard length, customizable)		
Material compliance	RoHS compliant		