

M12 Female Molded Cables, S-T-K-L-M Coding, Straight

The catalog is for reference only. The actual specifications are subject to the product engineering drawings. version 1.0

Connector Series: M12

Gender	Female
Coding	S,T,K,L,M
Locking Type	Fix Screw
Mounting Type	Straight
Part No	M12-X**-ST0-F02-BC*-XXX

Technical Data

Standard	IEC61076-2-111
Ambient Temperatur	-25℃~+80℃
Insulation Resistance	≥100MΩ
Contact Resistance	≤5mΩ

IP Class	IP67
Mating Endurance	>100 Mating Cycles

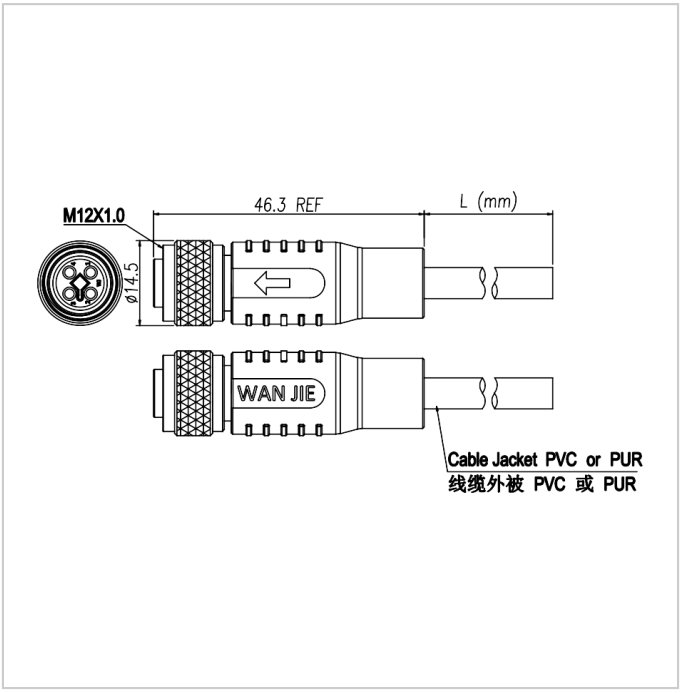
Material Data

Connector Carriers	PA
Connector Contacts	Copper Alloy With Gold Plated
Connector Nut/Screw	Copper Alloy With Nickel Plated
Seal/O-Ring	FKM
Shielding	Unshielded/Shielded
Connector Overmold	TPU

Electrical Data & Mechanical Date

Auailable Coding	S-Coding	T-Coding	K-Coding	L-Coding	M-Coding
Rated Current [A]	16(03Pin), 12(04Pin)	12	12	16	8
Rated Voltage [V]	630	63	630	63	630
Wire Range AWG/mm²	16/1.5	16/1.5	16/1.5	16/1.5	18/1.0
Cable Jacket	PUR/PVC				

Dimensions


M12X1.0
46.3 REF
L (mm)
ø14.5
WAN JIE
Cable Jacket PVC or PUR
线缆外被 PVC 或 PUR