

M12 Female Molded Cables, Straight, Shielded

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	A,B,C,D
Locking Type	Fix Screw
Mounting Type	Straight
Part No	M12-X**-ST2-F02-ZC*-XXX

Technical Data

Standard	IEC61076-2-101
Ambient Temperatur	-25℃~+80℃
Insulation Resistance	≥100MΩ
Contact Resistance	≤5mΩ

IP Class	IP67
Mating Endurance	>100 Mating Cycles

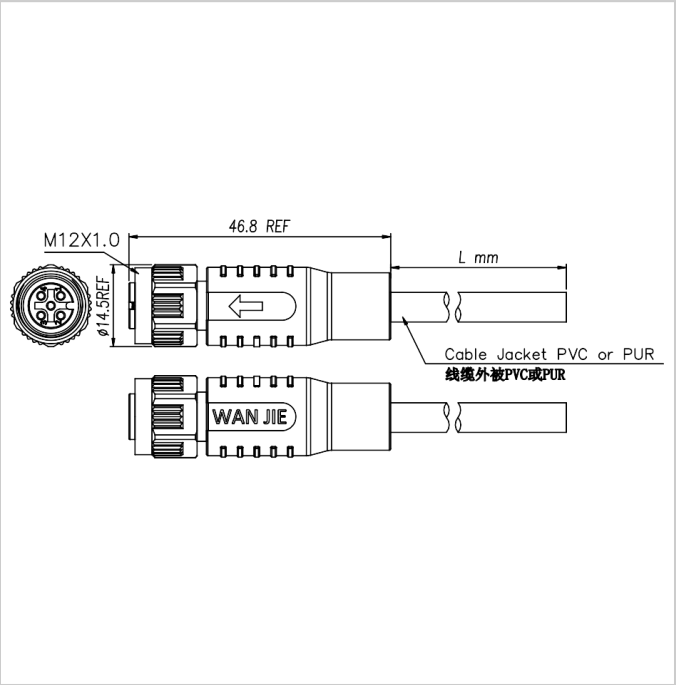
Material Data

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

Electrical Data & Mechanical Date

Contacts Pin [Pins]	3	4	5	6	8	12	17
Rated Current [A]	4	4	4/2	2	2	1.5	1.5
Voltage AC/DC [V]	250/250	250/250	60/60	30/30	30/30	30/30	30/30
Wire Range AWG/mm²	22/0.34	22/0.34	22,24/0.34,0.25 (C-code)	24/0.25	24/0.25	26/0.14	26/0.14
Cable Jacket	PUR/PVC						

Dimensions


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