

M16 Male Molded Cables, Straight



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

Connector Series: M16

Gender	Male
Coding	A , B
Locking Type	Fix Screw
Mounting Type	Straight
Part No	M16-A**-ST0-M02-BC*-XXX

Technical Data

Standard	IEC61076-2-106
Ambient Temperatur	-25°C~+85°C
Insulation Resistance	≥100MΩ
Contact Resistance	≤5mΩ

IP Class	IP67
Mating Endurance	>100 Mating Cycles

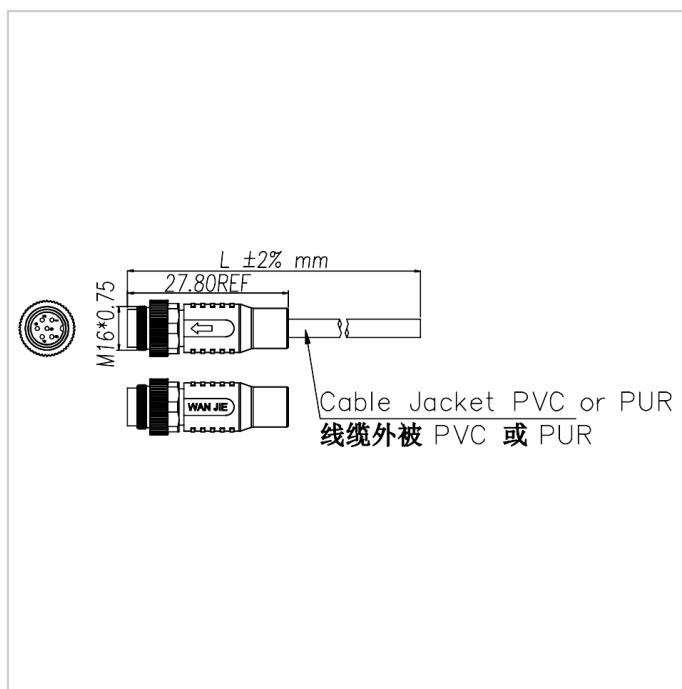
Material Data

Connector Carriers	PA
Connector Contacts	Copper Alloy With Gold Plated
Connector Nut/Screw	Copper Alloy With Nickel Plated
Shielding	Unshielded
Connector Overmold	TPU

Electrical Data & Mechanical Data

Contacts Pin [Pins][Coding]	3-A 4-A 5-A 5-B 6-A 7-A 7-B 8-A 14-A 16-A 19-A 24-A
Rated Current [A]	7 6 6 6 5 5 5 5 3 3 3 1
Voltage AC/DC [V]	250 250 250 60/ 250 125 60/ 60/ 60/ 60/ 60/ 60/ /32 /32 /32 32 /32 /32 32 32 32 32 32
Wire Range AWG/mm ²	18/ 18/ 78/ 18/ 18/ 18/ 18/ 18/ 24/ 24/ 24/ 26/ 0.750.750.750.750.750.750.750.250.250.250.14
Cable Jacket	PVC/PUR

Dimensions



Accessories



M16-A**-ST0-F02-BC*-XXX



M16-A**-RA0-F02-BC*-XXX



M16-A**-ST0-F02-BQ2-XXX



M16-A**-ST0-F02-BH2-XXX



M16-A**-ST0-F02-BQ2



M16-A**-ST0-F02-BH2



M16-A**-ST0-F01-BQ2