



M12 Female Panel Mount, PCB Type, Front Fastened, Shielded Pin



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	Front Fastened
Part No	M12-X**-ST1-F01-BQ3

Technical Data

Standard	IEC61076-2-101
Ambient Temperatur	-40°C~+105°C
Insulation Resistance	≥100MΩ
Contact Resistance	≤5mΩ

M12-X**-ST1-F01-BQ3

M12 Circular Connector

Download Date:2026-07-07



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	Ground
Seal/O-Ring	FKM
Length of the Solder Pin	6mm

Electrical Data & Mechanical Date

Available Coding	X-Coding
Contacts Pin [Pins]	8
Rated Current [A]	0.5
Voltage AC/DC [V]	50/60
Contacts Termination	PCB Version

Dimensions

PCB hole diagram

M12-X**-ST1-F01-BQ3

M12 Circular Connector

Download Date:2026-07-07

