



M12 Female Panel Mount, PCB Type, Front Fastened



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**-ST0-F01-BQ*

### Technical Data

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

# M12-X\*\*-ST0-F01-BQ\*

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

## 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
Contacts Termination	PCB Version						

## Dimensions

## PCB hole diagram

# M12-X\*\*-ST0-F01-BQ\*

M12 Circular Connector

Download Date:2026-07-07

