

M12 Male Molded Cables, X Coding, Straight

M12 Circular Connector

Download Date:2025-12-17



M12-X\*\*-ST0-M02-BC\*-XXX



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

Connector Series: M12

Gender	Male
Coding	X
Locking Type	Fix Screw
Mounting Type	Straight
Part No	M12-X**-ST0-M02-BC*-XXX

Technical Data

Standard	IEC61076-2-109
Ambient Temperatur	-25°C~+80°C
Insulation Resistance	≥100MΩ
Contact Resistance	≤5mΩ

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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/Shielded
Connector Overmold	TPU

## Electrical Data & Mechanical Data

Available Coding	X-Coding
Contacts Pin ( Pins )	08
Rated Current [A]	0.5
Rated Voltage [V][AC/DC]	50/60
Wire Range AWG/mm <sup>2</sup>	26-24/0.14-0.25
Cable Jacket	PUR/PVC

## Dimensions

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