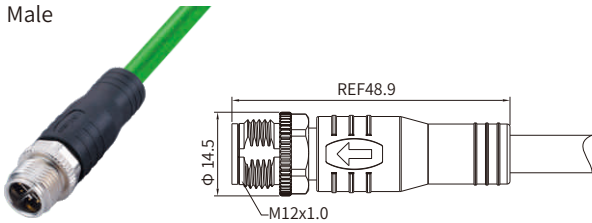


# M12 X-coding (Ethernet)

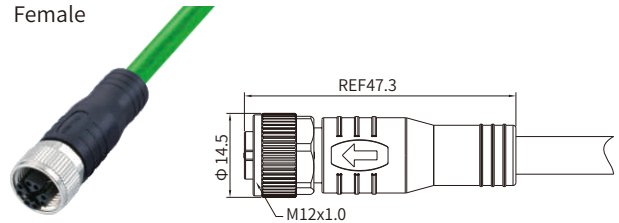


## M12 X-coding Straight Connector, Molded Cable, Shielded

Male



Female



### Specifications

Contacts	8
Pin layout(Male)	
Pin layout(Female)	
Standard	IEC 61076-2-109
Ambient temperature	-25°C ~ +85°C (flexible installation) , -40°C ~ +85°C (fixed installation)
Connector insert	PA
Connector contacts	Brass with gold plated
Connector overmold	TPU
Coupling nut/screw	Zinc alloy with nickel plated
Seal/O-ring(of Female)	FKM
Insulation resistance	≥100MΩ
Contact resistance	≤10mΩ
Shielding	Available
IP rating	IP67, IP68 in locked condition
Mating endurance	>500 cycles
Rated current	0.5 A
Rated voltage	50V AC/ 60V DC
Wire gauge	0.14~0.25 mm <sup>2</sup> (AWG 26~24)

### Part Number

Pins	Cable length	Male		Female	
		CAT 6A	CAT 7	CAT 6A	CAT 7
8	1m	MA12MSXHD08ST-10CG14	MA12MSXHD08ST-10RG14	MA12FSXHD08ST-10CG14	MA12FSXHD08ST-10RG14
	3m	MA12MSXHD08ST-30CG14	MA12MSXHD08ST-30RG14	MA12FSXHD08ST-30CG14	MA12FSXHD08ST-30RG14
	5m	MA12MSXHD08ST-50CG14	MA12MSXHD08ST-50RG14	MA12FSXHD08ST-50CG14	MA12FSXHD08ST-50RG14

### Default wire colors

Pin No.	
Pin 1	WH/OR
Pin 2	OR
Pin 3	WH/GN
Pin 4	GN
Pin 5	WH/BN
Pin 6	BN
Pin 7	WH/BU
Pin 8	BU
Shell	Braid