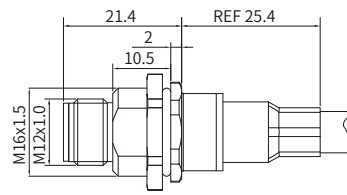
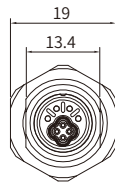


# M12 Y2-coding

## M12 Y2-coding Straight Connector, Panel, Front Mount, Shielded

Male



### Specifications

Contacts	8
Pin layout(Male)	
Standard	IEC 61076-2-113
Ambient temperature	-15°C~+85°C (flexible installation), -30°C~+85°C (fixed installation)
Customized temperature	-25°C ~ +85°C (flexible installation), -40°C ~ +85°C (fixed installation)
Connector insert	PA+GF
Connector contacts	Brass with gold plated
Coupling nut/screw	Brass with nickel plated
Seal/O-ring	FKM
Insulation resistance	≥100MΩ
Contact resistance	≤10mΩ
Shielding	Available
IP rating	IP67 in locked condition
Mating endurance	>500 cycles
Rated current	6 A(Power pins) / 0.5A(Data pins)
Rated voltage	50V AC/ DC
Wire gauge	0.6 mm <sup>2</sup> (AWG 20)(Power pins)/ 0.15 mm <sup>2</sup> (AWG 26)(Data pins)

### Part Number

Pins	Cable length	Male	
		PVC	PUR
8	1m	MB12MCSY2FF08ST-10CB25-2	MB12MCSY2FF08ST-10RB25-2
	3m	MB12MCSY2FF08ST-30CB25-2	MB12MCSY2FF08ST-30RB25-2
	5m	MB12MCSY2FF08ST-50CB25-2	MB12MCSY2FF08ST-50RB25-2

### Default wire colors

Pin No.	
Pin 1(Power)	WH
Pin 2(Power)	BK
Pin 3(Power)	BN
Pin 4(Power)	WH
Pin 5(Data)	WH
Pin 6(Data)	OR
Pin 7(Data)	RD
Pin 8(Data)	GN
Shell	Braid

### Panel Cut-out Dimensions

