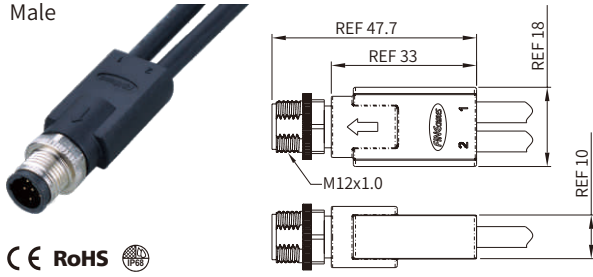


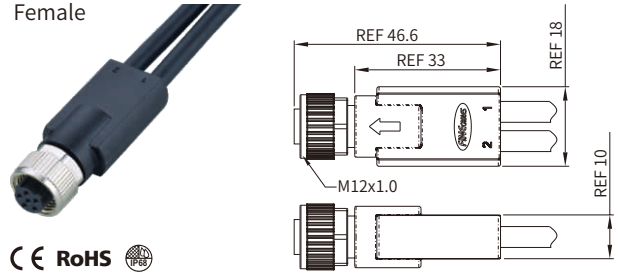
# M12 C-coding (Power)

## M12 C-coding Straight Connector, Molded 2 Cables

Male



Female



### Specifications

Contacts	3 (2+PE)	4 (3+PE)	5 (4+PE)	6 (5+PE)
Pin layout(Male)				
Pin layout(Female)				
Standard	IEC 61076-2-101			
Ambient temperature	-25°C ~ +85°C (flexible installation) , -40°C ~ +85°C (fixed installation)			
Connector insert	TPU			
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	≤5mΩ			
Shielding	Unavailable			
IP rating	IP67, IP68, IP69K in locked condition			
Mating endurance	>500 cycles			
Rated current	4 A		2 A	
Rated voltage	250V AC/DC		60V AC/DC	30V AC/DC
Wire gauge	0.34 mm <sup>2</sup> (AWG 22)		0.25 mm <sup>2</sup> (AWG 24)	

### Part Number

Pins	Male		Female	
	PVC/PUR	Customized cable	PVC/PUR	Customized cable
3 (2+PE)	MT-049		MT-057	
4 (3+PE)	MT-050		MT-058	
5 (4+PE)	MT-051		MT-059	
6 (5+PE)	MT-052		MT-060	

### Default wire colors

Pin No.				
Pin 1	BN	BN	BN	BN
Pin 2	BU	WH	WH	WH
Pin 3	BK	BU	BU	BU
Pin 4		BK	BK	BK
Pin 5			GY	GY
Pin 6				RK