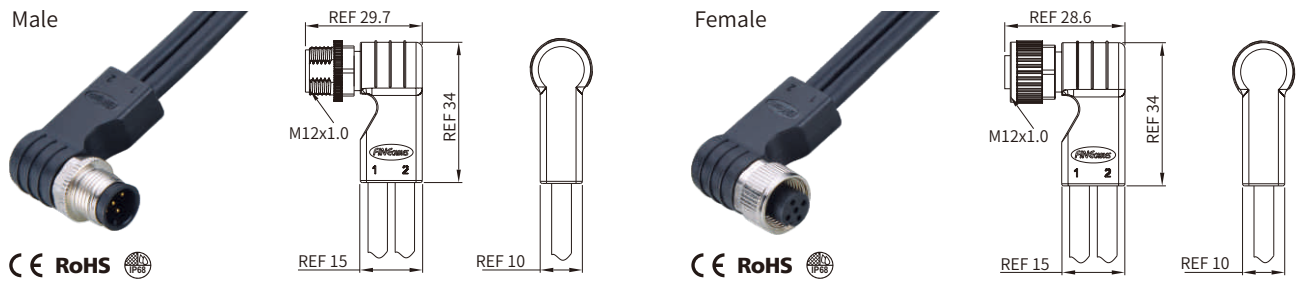


# M12 A-coding (Sensor and Actuator)

## M12 A-coding Angled Connector, Molded 2 Cables



### Specifications

Contacts	3	4	5
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 in locked condition		
Mating endurance	>500 cycles		
Rated current	4 A		
Rated voltage	250V AC/DC		60V AC/DC
Wire gauge	0.34mm <sup>2</sup> (AWG22)		

### Part Number

Pins	Male		Female	
	PVC/PUR	Customized cable	PVC/PUR	Customized cable
3	MT-022		MT-036	
4	MT-023		MT-037	
5	MT-024	MT-038		

### Default wire colors

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