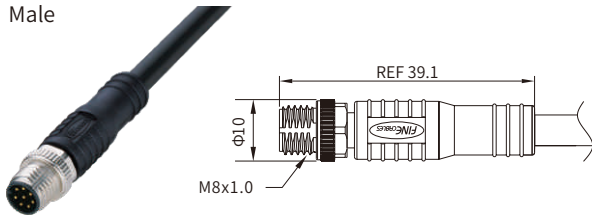


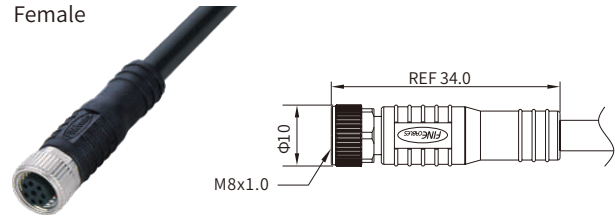
# M8 A-coding (Sensor and Actuator)

## M8 A-coding Straight Connector, Molded Cable

Male



Female



### Specifications

Contacts	3	4	6	8
Certification		UL 95 CYJV(CYJV7).E321413		
Pin layout(Male)				
Pin layout(Female)				
Standard	IEC 61076-2-104			
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 in locked condition			
Mating endurance	>500 cycles			
Rated current	3 A		1.5 A	
Rated voltage	50V AC/ 60V DC		30V	
Wire gauge	0.25mm <sup>2</sup> (AWG24)		0.14mm <sup>2</sup> (AWG26)	

### Part Number

Pins	Cable length	Male		Female	
		PVC	PUR	PVC	PUR
3	1m	MA08MAHD03ST-10CB25	MA08MAHD03ST-10RB25	MA08FAHD03ST-10CB25	MA08FAHD03ST-10RB25
	3m	MA08MAHD03ST-30CB25	MA08MAHD03ST-30RB25	MA08FAHD03ST-30CB25	MA08FAHD03ST-30RB25
	5m	MA08MAHD03ST-50CB25	MA08MAHD03ST-50RB25	MA08FAHD03ST-50CB25	MA08FAHD03ST-50RB25
4	1m	MA08MAHD04ST-10CB25	MA08MAHD04ST-10RB25	MA08FAHD04ST-10CB25	MA08FAHD04ST-10RB25
	3m	MA08MAHD04ST-30CB25	MA08MAHD04ST-30RB25	MA08FAHD04ST-30CB25	MA08FAHD04ST-30RB25
	5m	MA08MAHD04ST-50CB25	MA08MAHD04ST-50RB25	MA08FAHD04ST-50CB25	MA08FAHD04ST-50RB25
6	1m	MA08MAHD06ST-10CB14	MA08MAHD06ST-10RB14	MA08FAHD06ST-10CB14	MA08FAHD06ST-10RB14
	3m	MA08MAHD06ST-30CB14	MA08MAHD06ST-30RB14	MA08FAHD06ST-30CB14	MA08FAHD06ST-30RB14
	5m	MA08MAHD06ST-50CB14	MA08MAHD06ST-50RB14	MA08FAHD06ST-50CB14	MA08FAHD06ST-50RB14
8	1m	MA08MAHD08ST-10CB14	MA08MAHD08ST-10RB14	MA08FAHD08ST-10CB14	MA08FAHD08ST-10RB14
	3m	MA08MAHD08ST-30CB14	MA08MAHD08ST-30RB14	MA08FAHD08ST-30CB14	MA08FAHD08ST-30RB14
	5m	MA08MAHD08ST-50CB14	MA08MAHD08ST-50RB14	MA08FAHD08ST-50CB14	MA08FAHD08ST-50RB14

### Default wire colors

Pin No.				
Pin 1	BN	BN	BN	WH
Pin 2		WH	WH	BN
Pin 3	BU	BU	BU	GN
Pin 4	BK	BK	BK	YE
Pin 5			GY	GY
Pin 6			RK	RK
Pin 7				BU
Pin 8				RD