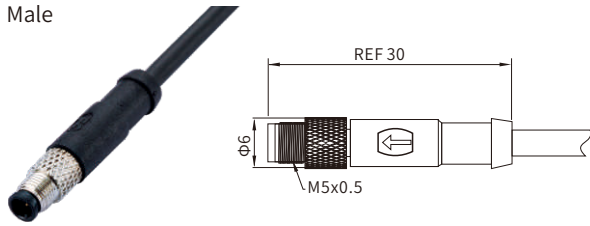


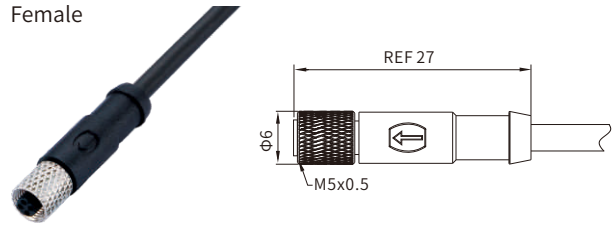
M5 Sensor and Actuator

M5 Straight Connector, Molded Cable

Male



Female



CE RoHS

CE RoHS

Specifications

Contacts	3	4
Pin layout(Male)		
Pin layout(Female)		
Standard	IEC 61076-2-105	
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	Brass 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	1 A	
Rated voltage	60V AC/DC	
Wire gauge	0.14mm ² (AWG26)	

Part Number

Pins	Cable length	Male		Female	
		PVC	PUR	PVC	PUR
3	1m	MA05MAF03ST-10CB14	MA05MAF03ST-10RB14	MA05FAF03ST-10CB14	MA05FAF03ST-10RB14
	3m	MA05MAF03ST-30CB14	MA05MAF03ST-30RB14	MA05FAF03ST-30CB14	MA05FAF03ST-30RB14
	5m	MA05MAF03ST-50CB14	MA05MAF03ST-50RB14	MA05FAF03ST-50CB14	MA05FAF03ST-50RB14
4	1m	MA05MAF04ST-10CB14	MA05MAF04ST-10RB14	MA05FAF04ST-10CB14	MA05FAF04ST-10RB14
	3m	MA05MAF04ST-30CB14	MA05MAF04ST-30RB14	MA05FAF04ST-30CB14	MA05FAF04ST-30RB14
	5m	MA05MAF04ST-50CB14	MA05MAF04ST-50RB14	MA05FAF04ST-50CB14	MA05FAF04ST-50RB14

Default wire colors

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