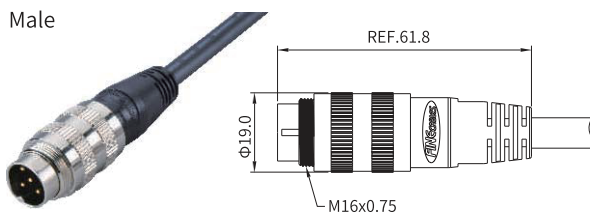
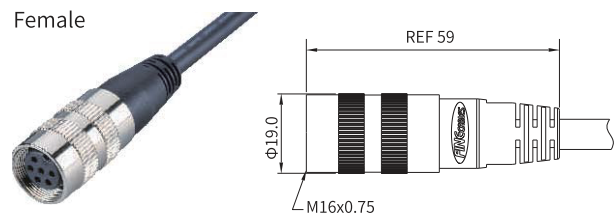


M16 Straight Connector, Molded Cable

Male



Female



RoHS

RoHS

Specifications

Contacts	2	3	4	5-a	5-b	6	7-a	7-b	8	12	14-b	19
Pin layout(Male)												
Pin layout(Female)												
Standard	IEC 61076-2-106											
Ambient temperature	-25°C ~ +85°C (flexible installation) , -40°C ~ +85°C (fixed installation)											
Connector insert	PBT											
Connector contacts	Brass with gold plated											
Connector overmold	TPU											
Coupling nut/screw	Zinc alloy with nickel plated											
O-ring(of Female)	NBR/FKM											
Insulation resistance	≥100MΩ											
Contact resistance	≤5mΩ											
Shielding	Unavailable											
IP rating	IP65, IP67 in locked condition											
Mating endurance	>100 cycles											
Rated current	7A(40°C)			6A(40°C)			5A(40°C)			3A(40°C)		
Rated voltage	250V/32V			60V/32V			250V/32V			60V/32V		
Wire gauge	0.75mm ² (AWG18)									0.25mm ² (AWG24)		

Part Number

Pins	Cable length	Male		Female	
		PVC	PUR	PVC	PUR
2	1m	MA16MAF02ST-10CB75	MA16MAF02ST-10RB75	MA16FAF02ST-10CB75	MA16FAF02ST-10RB75
3	1m	MA16MAF03ST-10CB75	MA16MAF03ST-10RB75	MA16FAF03ST-10CB75	MA16FAF03ST-10RB75
4	1m	MA16MAF04ST-10CB75	MA16MAF04ST-10RB75	MA16FAF04ST-10CB75	MA16FAF04ST-10RB75
5-a	1m	MA16MAF05AST-10CB75	MA16MAF05AS-T10RB75	MA16FAF05AST-10CB75	MA16FAF05AST-10RB75
5-b	1m	MA16MAF05BST-10CB75	MA16MAF05BS-T10RB75	MA16FAF05BST-10CB75	MA16FAF05BST-10RB75
6	1m	MA16MAF06ST-10CB75	MA16MAF06ST-10RB75	MA16FAF06ST-10CB75	MA16FAF06ST-10RB75
7-a	1m	MA16MAF07AST-10CB75	MA16MAF07AST-10RB75	MA16FAF07AST-10CB75	MA16FAF07AST-10RB75
7-b	1m	MA16MAF07BST-10CB75	MA16MAF07BST-10RB75	MA16FAF07BST-10CB75	MA16FAF07BST-10RB75
8	1m	MA16MAF08ST-10CB75	MA16MAF08ST-10RB75	MA16FAF08ST-10CB75	MA16FAF08ST-10RB75
12	1m	MA16MAF12ST-10CB25	MA16MAF12ST-10RB25	MA16FAF12ST-10CB25	MA16FAF12ST-10RB25
14-b	1m	MA16MAF14BST-10CB25	MA16MAF14BST-10RB25	MA16FAF14BST-10CB25	MA16FAF14BST-10RB25
19	1m	MA16MAF19ST-10CB25	MA16MAF19ST-10RB25	MA16FAF19ST-10CB25	MA16FAF19ST-10RB25

Default wire colors

Pin No.																			
Pin 1	RD	BN	BN	BN	BN	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH
Pin 2	BK	BU	WH	WH	WH	BN	BN	BN	BN	BN	BN	BN	BN	BN	BN	BN	BN	BN	BN
Pin 3		BK	BU	BU	BU	GN	GN	GN	GN	GN	GN	GN	GN	GN	GN	GN	GN	GN	GN
Pin 4			BK	BK	BK	YE	YE	YE	YE	YE	YE	YE	YE	RD	RD	RD	RD	RD	RD
Pin 5				GY	GY	GY	GY	GY	GY	GY	GY	GY	GY	OR	OR	OR	OR	OR	OR
Pin 6						PK	PK	PK	PK	PK	PK	PK	PK	BU	BU	BU	BU	BU	BU
Pin 7							BU	BU	BU	BU	BU	BU	BU	BN	BN	BN	BN	BN	BN
Pin 8										RD	RD	RD	RD	YE	YE	YE	YE	YE	YE
Pin 9										OR	OR	OR	OR	VT	VT	VT	VT	VT	VT
Pin 10										TP	TP	TP	TP	GY	GY	GY	GY	GY	GY
Pin 11										BK	BK	BK	BK	PK	PK	PK	PK	PK	PK
Pin 12										VT	VT	VT	VT	BK/WH	BK/WH	BK/WH	BK/WH	BK/WH	BK/WH
Pin 13														BK/RD	BK/RD	BK/RD	BK/RD	BK/RD	BK/RD
Pin 14														BK/GN	BK/GN	BK/GN	BK/GN	BK/GN	BK/GN
Pin 15															BK/YE	BK/YE	BK/YE	BK/YE	BK/YE
Pin 16															BK/BN	BK/BN	BK/BN	BK/BN	BK/BN
Pin 17															BK/BU	BK/BU	BK/BU	BK/BU	BK/BU
Pin 18															OR/WH	OR/WH	OR/WH	OR/WH	OR/WH
Pin 19															GN/WH	GN/WH	GN/WH	GN/WH	GN/WH