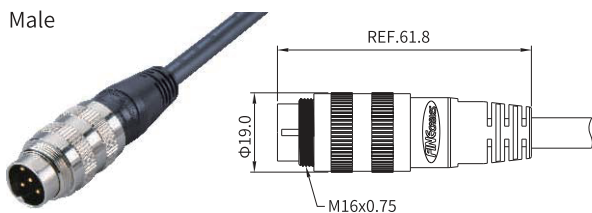
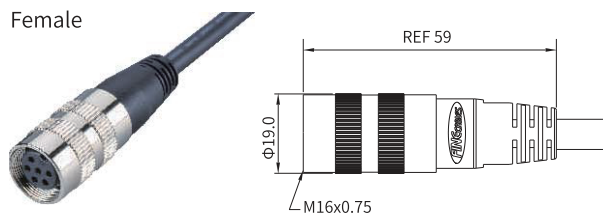


M16 Straight Connector, Molded Cable, Shielded

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℃ ~ +85℃ (flexible installation) , -40℃ ~ +85℃ (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	Available											
IP rating	IP65, IP67 in locked condition											
Mating endurance	>100 cycles											
Rated current	7A(40℃)			6A(40℃)			5A(40℃)			3A(40℃)		
Rated voltage	250V/32V				60V/32V		250V/32V		125V/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	MA16MSAF02ST-10CB75	MA16MSAF02ST-10RB75	MA16FSAF02ST-10CB75	MA16FSAF02ST-10RB75
3	1m	MA16MSAF03ST-10CB75	MA16MSAF03ST-10RB75	MA16FSAF03ST-10CB75	MA16FSAF03ST-10RB75
4	1m	MA16MSAF04ST-10CB75	MA16MSAF04ST-10RB75	MA16FSAF04ST-10CB75	MA16FSAF04ST-10RB75
5-a	1m	MA16MSAF05AST-10CB75	MA16MSAF05AST-10RB75	MA16FSAF05AST-10CB75	MA16FSAF05AST-10RB75
5-b	1m	MA16MSAF05BST-10CB75	MA16MSAF05BST-10RB75	MA16FSAF05BST-10CB75	MA16FSAF05BST-10RB75
6	1m	MA16MSAF06ST-10CB75	MA16MSAF06ST-10RB75	MA16FSAF06ST-10CB75	MA16FSAF06ST-10RB75
7-a	1m	MA16MSAF07AST-10CB75	MA16MSAF07AST-10RB75	MA16FSAF07AST-10CB75	MA16FSAF07AST-10RB75
7-b	1m	MA16MSAF07BST-10CB75	MA16MSAF07BST-10RB75	MA16FSAF07BST-10CB75	MA16FSAF07BST-10RB75
8	1m	MA16MSAF08ST-10CB75	MA16MSAF08ST-10RB75	MA16FSAF08ST-10CB75	MA16FSAF08ST-10RB75
12	1m	MA16MSAF12ST-10CB25	MA16MSAF12ST-10RB25	MA16FSAF12ST-10CB25	MA16FSAF12ST-10RB25
14-b	1m	MA16MSAF14BST-10CB25	MA16MSAF14BST-10RB25	MA16FSAF14BST-10CB25	MA16FSAF14BST-10RB25
19	1m	MA16MSAF19ST-10CB25	MA16MSAF19ST-10RB25	MA16FSAF19ST-10CB25	MA16FSAF19ST-10RB25

Default wire colors

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