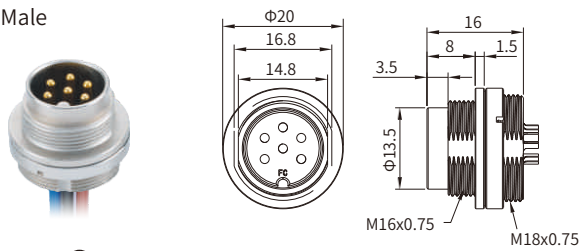


M16

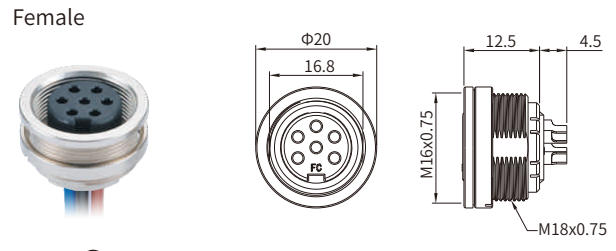
M16 Straight Connector, Panel Mount, Die-cast Screw, Solder, Rear fastened

Male



RoHS

Female



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	-15°C~+85°C (flexible installation), -30°C~+85°C (fixed installation)											
Customized temperature	-25°C ~ +85°C (flexible installation), -40°C ~ +85°C (fixed installation)											
Connector insert	PBT											
Connector contacts	Brass with gold plated											
Connector screw/body	Zinc alloy with nickel plated											
Coupling screw	Brass with nickel plated											
O-ring	NBR/FKM											
Insulation resistance	≥100MΩ											
Contact resistance	≤5mΩ											
Earth tag/pin	Unavailable											
IP rating	IP65, IP67 in locked condition											
Mating endurance	>100 cycles											
Rated current	5A(40°C)									1A(40°C)		
Rated voltage	100V AC/DC			63V AC/DC		32V AC/DC		63V AC/DC		32V AC/DC		
Wire gauge	0.75mm ² (AWG18)									0.25mm ² (AWG24)		

Part Number

Pins	Cable length	Male	Female
2	1m	MB16MSARF02ST-6	MB16FSARF02ST-6
3	1m	MB16MSARF03ST-6	MB16FSARF03ST-6
4	1m	MB16MSARF04ST-6	MB16FSARF04ST-6
5-a	1m	MB16MSARF05AST-6	MB16FSARF05AST-6
5-b	1m	MB16MSARF05BST-6	MB16FSARF05BST-6
6	1m	MB16MSARF06ST-6	MB16FSARF06ST-6
7-a	1m	MB16MSARF07AST-6	MB16FSARF07AST-6
7-b	1m	MB16MSARF07BST-6	MB16FSARF07BST-6
8	1m	MB16MSARF08ST-6	MB16FSARF08ST-6
12	1m	MB16MSARF12ST-6	MB16FSARF12ST-6
14-b	1m	MB16MSARF14BST-6	MB16FSARF14BST-6
19	1m	MB16MSARF19ST-6	MB16FSARF19ST-6

Default wire colors

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