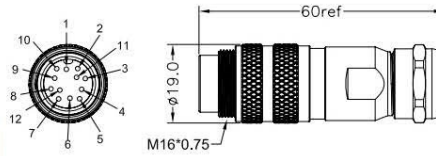


Connector: M16 series

Gender: Male

Type: Assembly Type

General Characteristics



Number of contact	2	3DIN	4	5	5DIN	6DIN	7	7DIN	8DIN	12	14	19	24
Locking system	screw M16*0.75												
Termination	solder , moulded on cable												
Wire gauge in mm ²	max,0.75									max,0.25		0.14	
Wire gauge in AWG	max,20									max,24		26	
Shell protection	IP67												
Mechanical operation	>500 mating cycles												
Upper temperature	+85 °C												
Lower temperature	-25 °C												

Electrical Characteristics

Rated voltage	250V			60V	250V	125V	60V						
Pollution degree	3												
Test voltage	1750V			550V	1750V	910V	550V						
Rated current (40 °C)	7A	6A			5A			3A		1A			
Contact resistance	≤ 5mΩ									≤ 3mΩ			
Insulation resistance	≥ 10 ³ MΩ												

Materials

Pin contact	CuZn
Socket contact	CuSn
Contact plating	Au
Upper temperature	PA66(UL 94V-0)
Female insert	PA66(UL 94V-0)
Material of cable jacket	PVC or PUR
Screw	CuZn
Nut	CuZn