

Female Panel Mount Connector

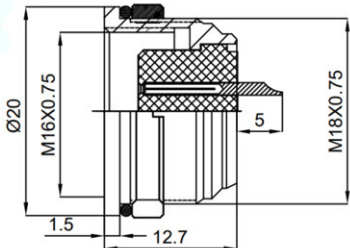
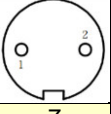
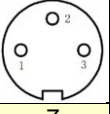
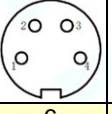
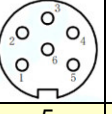
M16

Introduction



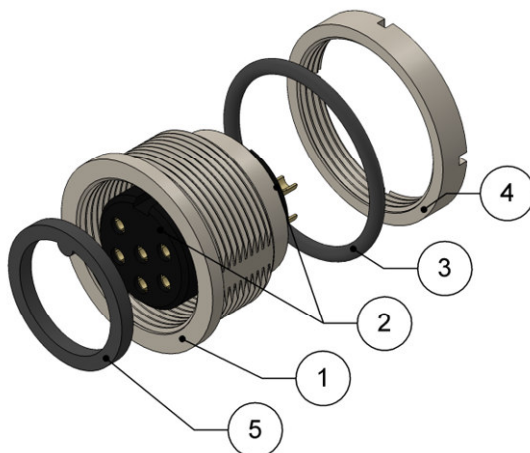
The M16 round connectors are high-quality, robust connectors that have been specially developed for industrial applications. They offer a reliable and secure connection in demanding environments. With their compact design and high degree of protection, they are ideal for use in mechanical engineering, automation technology and other industrial areas. The M16 round connectors are characterized by their easy handling, high contact reliability and long service life.

Technical Data

Locking System	screwing (M16 × 0,75)								
Material Contact-Housing	brass (Nickel plated)								
Material Closure / Insert	PA66 (UL94V-0)								
Material Contact Pins	spring bronze (Gold plated)								
Type of connection	soldering								
For Cable	Ø 3 – 7 mm								
Protection Class	IP 40								
Plug-in cycles	≥ 500								
Number of contacts	2	3	4	6					
Contact arrangement									
Rated Current (A)	7	7	6	5					
Rated Voltage (V)	250	250	250	250					
Rated Withstand Voltage (V)	1500	1500	1500	1500					
Cross Section (mm²)	0,75	0,75	0,75	0,75					
Cross Section (AWG)	20	20	20	20					
Insulation Resistance (MΩ)	≥ 5	≥ 5	≥ 5	≥ 5					
Degree of Pollution	1	1	1	1					
Temperature Range (°C)	-40 +90	-40 +90	-40 +90	-40 +90					
Insulating Material Group	III	III	III	III					
Mecheltron Art.No.: 0070-010-	0032	0033	0034	0036					

Further models on request

Individual parts



1	Threaded ring connector
2	Insert connector
3	O-Ring
4	Union Nut
5	Sealing