

## Female Cable 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 × 0,7	75)						
Material Contact-Housing	brass (Nickel plated)				Mittero 73				
Material Closure / Insert	PA66 (UL94V-0)								
Material Contact Pins	spring bronze (Gold plated)								
Type of connection	soldering					4		X X -	<u> </u>
For Cable	Ø 3 – 7 mm						l	30	-
Protection Class	IP 40						70		_
Plug-in cycles	≥ 500								
Number of contacts	6								
Contact arrangement	$\begin{pmatrix} 0 & 0 & 0 \\ 0 & 0 & 0 \\ 0 & 0 & 0 \\ 0 & 0 &$								
Rated Current (A)	5								
Rated Voltage (V)	250								
Rated Withstand Voltage (V)	1500								
Cross Section (mm <sup>2</sup> )	0,75								
Cross Section (AWG)	20								
Insulation Resistance (MΩ)	≥5								
Degree of Pollution	1								
Temperature Range (℃)	-40 +90								
Insulating Material Group									
Mecheltron Art.No.: 0070-010-	0016								

### Further models on request

### Individual parts



1	Threaded ring connector
2	Insert connector
3	Isolator
4	Cable clamp
5	Shielding ring
6	Cable grommet
7	Union Nut
8	Sealing
	Technicolog Änderungen verhehelten

Right of techn. modifications is reserved

www.mecheltron.com

Technische Änderungen vorbehalten