









M12 Molded Cable Assemblies

3, 4, 5 and 8 Pole

With PVC, Shielded PVC and PUR Cable



| Part Numbers | | Length | | | |
|-----------------------|---|----------------|-------------------------|-------------------------|-----------|
| | | Cable Type | PVC | Shielded PVC | PUR |
| | | Conductor Size | 24 AWG | 24 AWG | 22 AWG |
| 3 Pole Male |  | *9.8' (3M) | 12MD3-A3Z | 12MD3-Q3Z | 12MD3-C3Z |
| 3 Pole Female |  | *9.8' (3M) | 12FD3-A3Z | 12FD3-Q3Z | 12FD3-C3Z |
| 4 Pole Male |  | *9.8' (3M) | 12MD4-A3Z | 12MD4-Q3Z | 12MD4-C3Z |
| 4 Pole Female |  | *9.8' (3M) | 12FD4-A3Z | 12FD4-Q3Z | 12FD4-C3Z |
| 5 Pole Male |  | *9.8' (3M) | 12MD5-A3Z | 12MD5-Q3Z | 12MD5-C3Z |
| 5 Pole Female |  | *9.8' (3M) | 12FD5-A3Z | 12FD5-Q3Z | 12FD5-C3Z |
| 8 Pole Male |  | *9.8' (3M) | 12MD8-A3Z | 12MD8-Q3Z | 12MD8-C3Z |
| 8 Pole Female |  | *9.8' (3M) | 12FD8-A3Z | 12FD8-Q3Z | 12FD8-C3Z |
| Technical Information | | | | | |
| Operating Voltage | 350 VAC / 300 VDC | | Contact Resistance | ≤ 6 mΩ | |
| Operating Current | 4 A | | Male Pin Dimension | 1 mm (8 pole = 0.9mm) | |
| Protection Rating | IP 67 | | Female Contact Material | Phosphorus Bronze | |
| Operating Temperature | -25° C to +85° C | | Female Contact Plating | Nickel + 0.3 μm AU Gold | |
| Housing Material | Nylon 6 + 30% Glass fiber | | Male Contact Material | Brass | |
| Overmolding Material | Polysulfone | | Male Contact Plating | Nickel + 0.3 μm AU Gold | |

* Ordering information: Cable length is indicated by the 5th character (example: 12MDX-A3Z)
Replace the character with the appropriate cable length.