

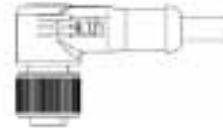


Automation Systems Interconnect, Inc.  
Innovative Interconnect and Interface Solutions

# 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
<b>3 Pole Male</b>		*9.8' (3M)	12MA3-A3Z	12MA3-Q3Z	12MA3-C3Z
<b>3 Pole Female</b>		*9.8' (3M)	12FA3-A3Z	12FA3-Q3Z	12FA3-C3Z
<b>4 Pole Male</b>		*9.8' (3M)	12MA4-A3Z	12MA4-Q3Z	12MA4-C3Z
<b>4 Pole Female</b>		*9.8' (3M)	12FA4-A3Z	12FA4-Q3Z	12FA4-C3Z
<b>5 Pole Male</b>		*9.8' (3M)	12MA5-A3Z	12MA5-Q3Z	12MA5-C3Z
<b>5 Pole Female</b>		*9.8' (3M)	12FA5-A3Z	12FA5-Q3Z	12FA5-C3Z
<b>8 Pole Male</b>		*9.8' (3M)	12MAB-A3Z	12MAB-Q3Z	12MAB-C3Z
<b>8 Pole Female</b>		*9.8' (3M)	12FAB-A3Z	12FAB-Q3Z	12FAB-C3Z

Technical Information			
Operating Voltage	150 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	Phosphorous Bronze
Operating Temperature	-35° 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	Polyurethane	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.

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