

# Datamate Power/Signal Connectors

## Female Power/Signal Cable Connector Kit

- ❖ Part numbers are for a complete kit of a housing and the applicable number of contacts.
- ❖ Hexagonal slotted jackscrews are assembled.
- ❖ Polarized housings.
- ❖ Standard Power contacts rated to 20A, signal to 3A.



DATAMATE POWER/SIGNAL

SIGNAL AND POWER	CALCULATION	SPARE CONTACTS						
	<table border="1"> <tr> <td><b>A</b></td> <td>B + 13</td> </tr> <tr> <td><b>B</b></td> <td>(No. of Power contacts - 1) x 4 + Total no. of Signal contacts + 1</td> </tr> <tr> <td><b>C</b></td> <td>B + 8</td> </tr> </table>	<b>A</b>	B + 13	<b>B</b>	(No. of Power contacts - 1) x 4 + Total no. of Signal contacts + 1	<b>C</b>	B + 8	<p><b>Signal (24 to 28 AWG)</b></p> <p>Indent Groove</p> <p><b>ORDER CODE</b> M80-0130005</p> <p><b>Standard Power (12 AWG)</b></p> <p><b>ORDER CODE</b> M80-325</p>
	<b>A</b>	B + 13						
	<b>B</b>	(No. of Power contacts - 1) x 4 + Total no. of Signal contacts + 1						
<b>C</b>	B + 8							
<p><b>TOOLS</b></p> <p><b>Recommended Crimp Tool (Signal)</b> - M22520/2-01  <b>Positioner (Signal)</b> - T5747  <b>Contact Insertion/Removal Tool (Signal)</b> - Z80-280  <b>Contact Removal Tool (Power)</b> - Z80-290</p> <ul style="list-style-type: none"> <li>❖ No special tooling required for connecting Power wire, other than standard soldering equipment.</li> <li>❖ Instruction sheets available at <a href="http://www.harwin.com/instructions">www.harwin.com/instructions</a>.</li> </ul>	<p><b>WIRE STRIPPING DETAILS</b></p> <p>Ø1.10 max for Signal 12 AWG (Ø2.25) for Standard Power</p> <p>2.00 for Signal 5.00 for Standard Power</p>							
<p><b>HOW TO ORDER</b></p> <p><b>M80 - 4C1 XX 05F1 - XX - 325 - 00 - 000</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; background-color: #f4a460;"><b>NO. OF SIGNAL CONTACTS</b></td> <td style="width: 40%;"></td> <td style="width: 30%; background-color: #f4a460;"><b>NO. OF POWER CONTACTS</b></td> </tr> <tr> <td style="background-color: #f4a460;">02, 04, 06, 08, 12</td> <td></td> <td style="background-color: #f4a460;">02, 04</td> </tr> </table> <p>Check image chart to confirm Off-The-Shelf sizes available</p>			<b>NO. OF SIGNAL CONTACTS</b>		<b>NO. OF POWER CONTACTS</b>	02, 04, 06, 08, 12		02, 04
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All dimensions in mm.