

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.
- ❖ Polarised mouldings.
- ❖ Standard Power contacts rated to 20A, signal to 3A.



DATAMATE POWER/SIGNAL

| SIGNAL AND POWER | CALCULATION | SPARE CONTACTS | | | | | | |
|------------------|---|--|--------|----------|--|----------|-------|--|
| | <table border="1"> <tr> <td>A</td> <td>B + 13</td> </tr> <tr> <td>B</td> <td>(No. of Power contacts - 1) x 4 + Total no. of Signal contacts + 1</td> </tr> <tr> <td>C</td> <td>B + 8</td> </tr> </table> | A | B + 13 | B | (No. of Power contacts - 1) x 4 + Total no. of Signal contacts + 1 | C | B + 8 | <p>Signal (24 to 28 AWG)</p> <p>Indent Groove</p> <p style="background-color: #f4a460; padding: 2px;">ORDER CODE M80-0130005</p> <p>Standard Power (12 AWG)</p> <p style="background-color: #f4a460; padding: 2px;">ORDER CODE M80-325</p> |
| | A | B + 13 | | | | | | |
| | B | (No. of Power contacts - 1) x 4 + Total no. of Signal contacts + 1 | | | | | | |
| C | B + 8 | | | | | | | |

| TOOLS | WIRE STRIPPING DETAILS |
|---|------------------------|
| <p>Recommended Crimp Tool (Signal) - M22520/2-01</p> <p>Positioner (Signal) - T5747</p> <p>Contact Insertion/Removal Tool (Signal) - Z80-280</p> <p>Contact Removal Tool (Power) - Z80-290</p> <ul style="list-style-type: none"> ❖ No special tooling required for connecting Power wire, other than standard soldering equipment. ❖ Instruction sheets available at www.harwin.com/instructions. | |

HOW TO ORDER

M80 - 4C1 XX 05F1 - XX - 325 - 00 - 000

| | | |
|-------------------------------|--|------------------------------|
| NO. OF SIGNAL CONTACTS | | NO. OF POWER CONTACTS |
| 02, 04, 06, 08, 12 | | 02, 04 |

Check image chart to confirm Off-The-Shelf sizes available

All dimensions in mm.