CAMBRIDGE ELECTRONIC INDUSTRIES

# M8 (X) Pin A/B Code Socket, Right Angle, Overmoulded Cable Assembly

Part Number SCM08-XXSXR-XXXX

Issue 1.0

## General Description

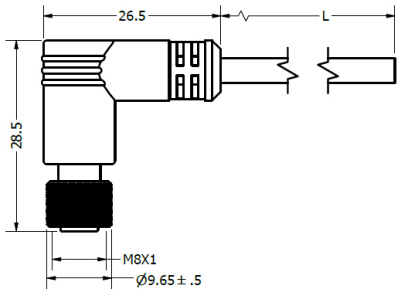
The SCM08-XXSXR-XXXX is an M8 right angle overmoulded socket cable assembly with a stub end for completion with a termination of your choice. The M8 socket is available in an A or B coding with 2 to 8 pin options. The cable is available in standard lengths of 0.5, 1, 1.5 and 2 metres, but we can offer a bespoke cable assembly to any length and with any termination.

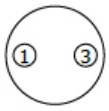
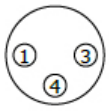
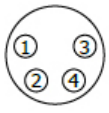
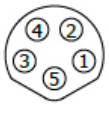
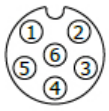


| Specification | |
|---|---|
| Coding | A or B |
| Contact | 2 to 8 Pins |
| Current Rating | 3A AC/DC (2 to 5 Pins)<br>1A AC/DC (6 to 8 Pins) |
| Voltage Rating | 60V AC/DC (2 to 3 Pins)<br>30V AC/DC (4 to 8 Pins) |
| Contact Resistance | ≤5mΩ |
| Insulation Resistance | ≥10MΩ |
| Withstanding Voltage | 450V AC/Minute (2 to 5 Pins)<br>250V AC/Minute (6 to 8 Pins) |
| Operating Temperature | -40 to +80°C |
| Waterproof Rate | IP67 in locked condition |
| | |
| Connector Part Number | CC08-XXP-A/B-MM |
| Cable | UL2464 XXC PVC Jacket Colour Black |

SCM08-XXSXR-XXXX

- Cable Length
- Right Angle
- Coding: A or B
- Socket
- No. of Contacts




| | A CODE | B CODE | CABLE GAUGE | PIN OUT |
|---|---|---|---|---|
| 2 PIN |  | | 24 AWG | 1. BLACK<br>3. BROWN |
| 3 PIN |  | | 24 AWG | 1. BLACK<br>3. RED<br>4. YELLOW |
| 4 PIN |  | | 24 AWG | 1. BLACK<br>2. BROWN<br>3. BLUE<br>4. GREEN |
| 5 PIN | |  | 24 AWG | 1. BLACK<br>2. RED<br>3. GREEN<br>4. YELLOW<br>5. WHITE |
| 6 PIN |  | | 26 AWG | 1. BLACK<br>2. BROWN<br>3. RED<br>4. YELLOW<br>5. GREEN<br>6. WHITE |
| 8 PIN |  | | 26 AWG | 1. BLACK<br>2. BROWN<br>3. RED<br>4. ORANGE<br>5. GREEN<br>6. BLUE<br>7. GREY<br>8. WHITE |

Drawing Issue 1.1

Tel: +44 (0)1223 860041
Tel: +44 (0)1223 863377
Website: www.CambridgeElectronics.com
Email: sales@cambridgeelectronics.com