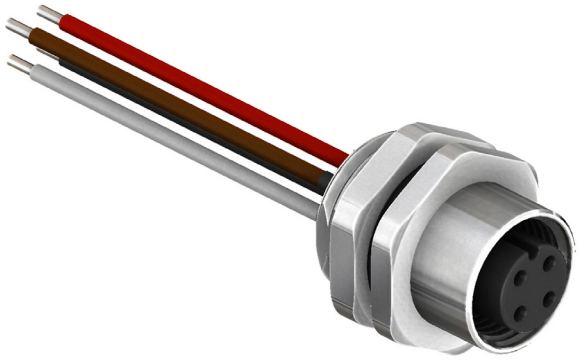
# M12 (X) Pin A/D Code Socket, Straight, Rear Fastening (PG9/M16 Thread) Cable Assembly

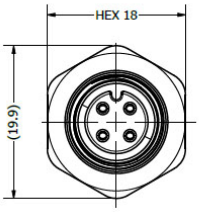
Part Number SCA12-XXSRXX-XXXX

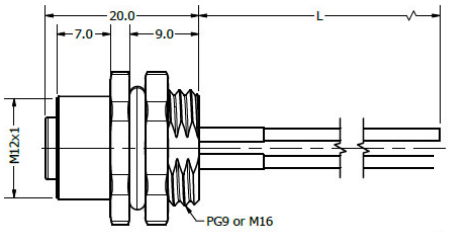
Issue 1.1

## General Description

The SCA12-XXSRXX-XXXX is an M12 socket cable assembly with a stub end for completion with a termination of your choice. The M12 socket is available in an A or D coding with 2 to 12 pin options. The rear panel mount fastening is available with either a PG9 or M16 size nut. The assembly can be supplied to your required length or can be made into a bespoke assembly with terminations of your choice to the other end.






SCA12-XXSRXX-XXXX

- Cable Length
- 1: PG9 2:M16
- Coding: A or D
- Rear Fastened
- Socket
- No. of Contacts

| Specification | |
|---|---|
| Coding | A or D |
| Contact | 2 to 12 Pins |
| Current Rating | 4A AC/DC (2 to 5 Pins)<br>2A AC/DC (6 to 8 Pins)<br>1.5A AC/DC (9 to 12 Pins) |
| Voltage Rating | 250V AC/DC (2 to 4 Pins)<br>60V AC/DC (5 Pins)<br>30V AC/DC (6 to 12 Pins) |
| Withstanding Voltage | 450V AC/Minute |
| Contact Resistance | ≤5mΩ |
| Insulation Resistance | ≥10MΩ |
| Operating Temperature | -40°C to +80°C |
| Waterproof Rate | IP67 |
| | |
| Connector Part Number | CC12-XXS-RX-PMX |
| Cable | UL1007 XXAWG Colour XX |

| | A CODE | D CODE | CABLE GAUGE | PIN OUT |
|---|---|---|---|---|
| 2 PIN |  |  | 22 AWG | 1. BLACK<br>3. BROWN |
| 3 PIN |  |  | 22 AWG | 1. BLACK<br>3. BROWN<br>4. RED |
| 4 PIN |  |  | 22 AWG | 1. BLACK<br>2. WHITE<br>3. BROWN<br>4. RED |
| 5 PIN |  |  | 22 AWG | 1. BLACK<br>2. WHITE<br>3. BROWN<br>4. RED<br>5. YELLOW |
| 6 PIN |  | | 24 AWG | 1. BLACK<br>2. WHITE<br>3. BROWN<br>4. RED<br>6. YELLOW<br>7. BLUE |
| 7 PIN |  | | 24 AWG | 1. BLACK<br>2. WHITE<br>3. BROWN<br>4. RED<br>5. YELLOW<br>6. BLUE<br>7. ORANGE |
| 8 PIN |  | | 24 AWG | 1. BLACK<br>2. WHITE<br>3. BROWN<br>4. RED<br>5. YELLOW<br>6. BLUE<br>7. ORANGE<br>8. GREEN |
| 9 PIN |  | | 26 AWG | 1. BLACK<br>2. WHITE<br>3. BROWN<br>4. RED<br>5. YELLOW<br>6. BLUE<br>7. ORANGE<br>8. GREEN<br>9. PURPLE |
| 10 PIN |  | | 26 AWG | 1. BLACK<br>2. WHITE<br>3. BROWN<br>4. RED<br>5. YELLOW<br>6. BLUE<br>7. ORANGE<br>8. GREEN<br>9. PURPLE<br>10. GREY |
| 11 PIN |  | | 26 AWG | 1. BLACK<br>2. WHITE<br>3. BROWN<br>4. RED<br>5. YELLOW<br>6. BLUE<br>7. ORANGE<br>8. GREEN<br>9. PURPLE<br>10. GREY<br>11. PINK |
| 12 PIN |  | | 26 AWG | 1. BLACK<br>2. WHITE<br>3. BROWN<br>4. RED<br>5. YELLOW<br>6. BLUE<br>7. ORANGE<br>8. GREEN<br>9. PURPLE<br>10. GREY<br>11. PINK<br>12. LIGHT GREEN |

Drawing Issue 1.1


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