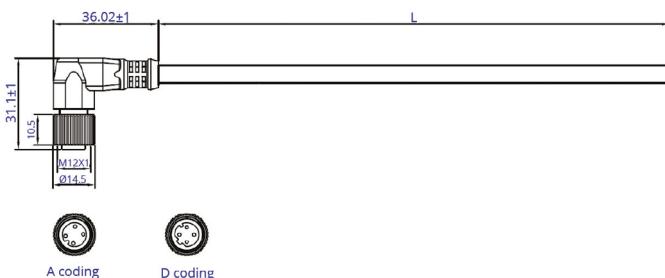
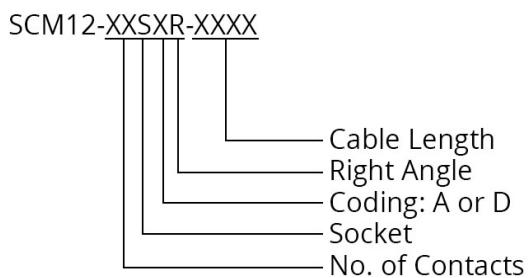


## General Description

The SCM12-XXSXR-XXXX is an M12 right angle over-molded 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 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.

Specification	
Coding	A or D
Contact	2 to 12 Pins
Current Rating	4A AC/DC (2 to 5 Pins) 2A AC/DC (6 to 8 Pins) 1.5A AC/DC (9 to 12 Pins)
Voltage Rating	250V AC/DC (2 to 4 Pins) 60V AC/DC (5 Pins) 30V AC/DC (6 to 12 Pins)
Contact Resistance	$\leq 5\text{m}\Omega$
Insulation Resistance	Cable $\geq 10\text{M}\Omega$ Connector $\geq 100\text{M}\Omega$
Operating Temperature	-40°C to +80°C
Waterproof Rate	IP67
Connector Part Number	CC12-XXS-A/D-MM
Cable	UL2464 XXC PVC Black



## Pin Assignments Front View

A Coding											
2 Pins											
3 Pins											
4 Pins											
5 Pins											
6 Pins											
7 Pins											
8 Pins											
9 Pins											
10 Pins											
11 Pins											
12 Pins											
D Coding											
2 Pins											
3 Pins											
4 Pins											
5 Pins											
Pin Outs	1. Black 3. Red	1. Black 3. Red 4. Yellow	1. Black 2. Brown 3. Blue 4. Green	1. Black 2. Red 3. Green 4. Yellow 5. White	1. Black 2. Brown 3. Red 4. Yellow 5. Green 6. Blue	1. Black 2. Brown 3. Red 4. Yellow 5. Green 6. Blue 7. Grey	1. Black 2. Brown 3. Red 4. Orange 5. Yellow 6. Green	1. Black 2. Brown 3. Red 4. Orange 5. Yellow 6. Green 7. Blue	1. Black 2. Brown 3. Red 4. Orange 5. Yellow 6. Green 7. Blue 8. Purple	1. Black 2. Brown 3. Red 4. Orange 5. Yellow 6. Green 7. Blue 8. Purple 9. Grey 10. White 11. Pink	1. Black 2. Brown 3. Red 4. Orange 5. Yellow 6. Green 7. Blue 8. Purple 9. Grey 10. White 11. Pink 12. Light Green

Drawing Issue 1.0

Tel: +44 (0)1223 860041

Tel: +44 (0)1223 863377

 Website: [www.CambridgeElectronics.com](http://www.CambridgeElectronics.com)

 Email: [sales@cambridgeelectronics.com](mailto:sales@cambridgeelectronics.com)