

General Description

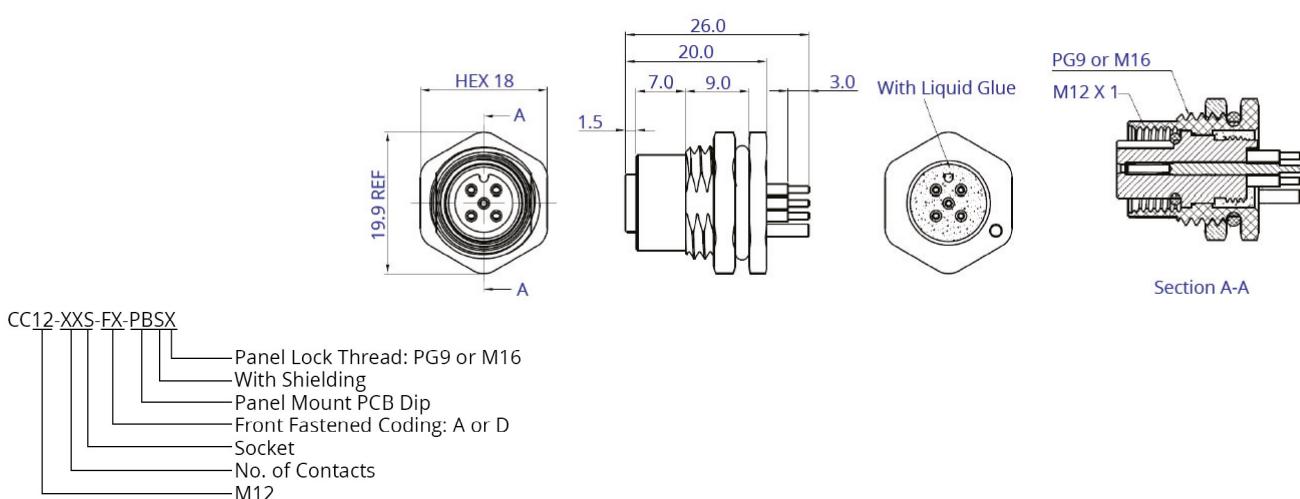
The CC12-XXS-FX-PBSX is a M12 circular socket connector which is available with 2 to 12 pins and a shielding pin in an A and D coding format. The connector features straight pins to the rear for mounting directly to a PCB. The panel lock thread for the connector can also be in a PG9 or M16 sizing. The M12 connectors are designed for use in industrial applications and feature a small and robust design which has a waterproof rating to IP67, which protects your equipment from entry of water or dust into your system.

| Specification | |
|-----------------------|---|
| Coding | A and 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 | $\geq 100\text{M}\Omega$ |
| Withstanding Voltage | 500V AC/Minute |
| Operating Temperature | -40°C to +100°C |
| Waterproof Rating | IP67 |
| Materials | |
| Insulator | UL94V-0 Black |
| Connector Contacts | Brass Gold Plated |
| Seal Ring | Red Silicone |



Pin Assignments Front View

| A Coding | 1 Pin | 2 Pins | 3 Pins | 4 Pins | 5 Pins |
|----------|---------|---------|---------|--------|--------|
| | | | | | |
| D Coding | 6 Pins | 7 Pins | 8 Pins | 9 Pins | |
| | | | | | |
| D Coding | 10 Pins | 11 Pins | 12 Pins | | |
| | | | | | |
| D Coding | 2 Pins | 3 Pins | 4 Pins | 5 Pins | |
| | | | | | |



Drawing Issue 1.0