

## M8 A-Code

### Connectors and Cable Assemblies

The M8 connectors and cables are particularly suitable for miniature sensors, applications with limited space, and many other applications that require reliable and robust compact sensors. This product line is IP67 and IP68 rated when installed, adding to the reliable nature of these connectors in harsh environments.

#### Features & Benefits

- Water resistance IP67 & IP68
- A-coding (or keying) within the M8 series prevents mismatching with other M8 coding/keying options
- RoHS Compliant

#### Applications

- Industrial
- Harsh Environments



#### Connectors

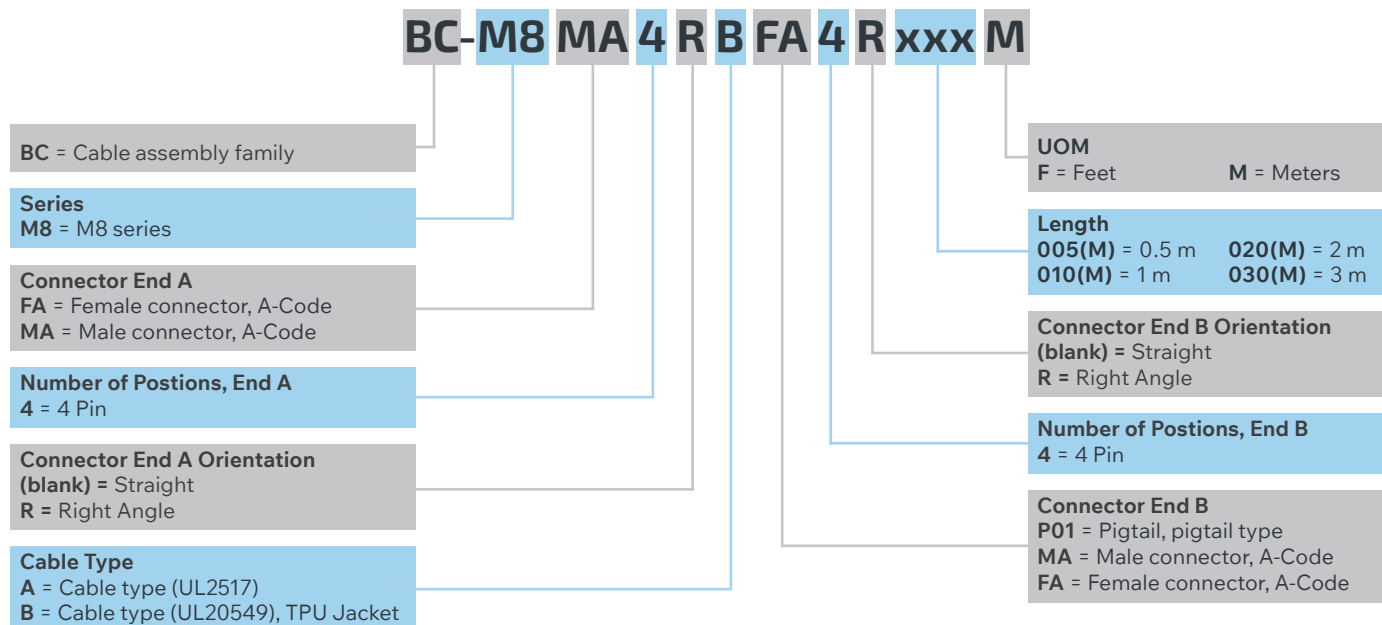
| Part Number  | Gender | Performance | Orientation | Type                   | Termination |
|--------------|--------|-------------|-------------|------------------------|-------------|
| SS-12800-002 | Male   | IP68        | Straight    | Panel Mount            | Solder      |
| SS-12800-003 | Female | IP68        | Straight    | Panel Mount            | Solder Cup  |
| SS-12800-004 | Male   | IP68        | Right Angle | PCB Mounted Receptacle | Solder      |
| SS-12800-009 | Female | IP67        | Right Angle | PCB Mounted Receptacle | Solder      |

# M8-A-Code

## Connectors and Cable Assemblies

# Stewart Connector

### Cable Assemblies



| Part Number       | Positions | Performance | Connector End A              | Connector End B | Lengths Available |     |
|-------------------|-----------|-------------|------------------------------|-----------------|-------------------|-----|
|                   |           |             |                              |                 | [ft]              | [m] |
| BC-M8FA4AP01005M  | 4         | IP68        | M8 A-Code Female             | Pigtail         | 1.64              | 0.5 |
| BC-M8FA4AP01010M  | 4         | IP68        | M8 A-Code Female             | Pigtail         | 3.28              | 1.0 |
| BC-M8FA4AP01020M  | 4         | IP68        | M8 A-Code Female             | Pigtail         | 6.56              | 2.0 |
| BC-M8FA4AP01030M  | 4         | IP68        | M8 A-Code Female             | Pigtail         | 9.84              | 3.0 |
| BC-M8FA4AMA4005M  | 4         | IP68        | M8 A-Code Female             | M8 A-Code Male  | 1.64              | 0.5 |
| BC-M8FA4AMA4010M  | 4         | IP68        | M8 A-Code Female             | M8 A-Code Male  | 3.28              | 1.0 |
| BC-M8FA4AMA4020M  | 4         | IP68        | M8 A-Code Female             | M8 A-Code Male  | 6.56              | 2.0 |
| BC-M8FA4AMA4030M  | 4         | IP68        | M8 A-Code Female             | M8 A-Code Male  | 9.84              | 3.0 |
| BC-M8FA4RBP01005M | 4         | IP67        | M8 A-Code Female Right-Angle | Pigtail         | 1.64              | 0.5 |
| BC-M8FA4RBP01010M | 4         | IP67        | M8 A-Code Female Right-Angle | Pigtail         | 3.28              | 1.0 |
| BC-M8FA4RBP01020M | 4         | IP67        | M8 A-Code Female Right-Angle | Pigtail         | 6.56              | 2.0 |
| BC-M8FA4RBP01030M | 4         | IP67        | M8 A-Code Female Right-Angle | Pigtail         | 9.84              | 3.0 |
| BC-M8MA4RBP01005M | 4         | IP67        | M8 A-Code Male Right-Angle   | Pigtail         | 1.64              | 0.5 |
| BC-M8MA4RBP01010M | 4         | IP67        | M8 A-Code Male Right-Angle   | Pigtail         | 3.28              | 1.0 |
| BC-M8MA4RBP01020M | 4         | IP67        | M8 A-Code Male Right-Angle   | Pigtail         | 6.56              | 2.0 |
| BC-M8MA4RBP01030M | 4         | IP67        | M8 A-Code Male Right-Angle   | Pigtail         | 9.84              | 3.0 |

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Stewart Connector

Connectors and Cable Assemblies

| Part Number        | Positions | Performance | Connector End A              | Connector End B              | Lengths Available |     |
|--------------------|-----------|-------------|------------------------------|------------------------------|-------------------|-----|
|                    |           |             |                              |                              | [ft]              | [m] |
| BC-M8MA4RBMA4R005M | 4         | IP67        | M8 A-Code Male Right-Angle   | M8 A-Code Male Right-Angle   | 1.64              | 0.5 |
| BC-M8MA4RBMA4R010M | 4         | IP67        | M8 A-Code Male Right-Angle   | M8 A-Code Male Right-Angle   | 3.28              | 1.0 |
| BC-M8MA4RBMA4R020M | 4         | IP67        | M8 A-Code Male Right-Angle   | M8 A-Code Male Right-Angle   | 6.56              | 2.0 |
| BC-M8MA4RBMA4R030M | 4         | IP67        | M8 A-Code Male Right-Angle   | M8 A-Code Male Right-Angle   | 9.84              | 3.0 |
| BC-M8MA4RBFA4R005M | 4         | IP67        | M8 A-Code Male Right-Angle   | M8 A-Code Female Right-Angle | 1.64              | 0.5 |
| BC-M8MA4RBFA4R010M | 4         | IP67        | M8 A-Code Male Right-Angle   | M8 A-Code Female Right-Angle | 3.28              | 1.0 |
| BC-M8MA4RBFA4R020M | 4         | IP67        | M8 A-Code Male Right-Angle   | M8 A-Code Female Right-Angle | 6.56              | 2.0 |
| BC-M8MA4RBFA4R030M | 4         | IP67        | M8 A-Code Male Right-Angle   | M8 A-Code Female Right-Angle | 9.84              | 3.0 |
| BC-M8FA4RBFA4R005M | 4         | IP67        | M8 A-Code Female Right-Angle | M8 A-Code Female Right-Angle | 1.64              | 0.5 |
| BC-M8FA4RBFA4R010M | 4         | IP67        | M8 A-Code Female Right-Angle | M8 A-Code Female Right-Angle | 3.28              | 1.0 |
| BC-M8FA4RBFA4R020M | 4         | IP67        | M8 A-Code Female Right-Angle | M8 A-Code Female Right-Angle | 6.56              | 2.0 |
| BC-M8FA4RBFA4R030M | 4         | IP67        | M8 A-Code Female Right-Angle | M8 A-Code Female Right-Angle | 9.84              | 3.0 |

Accessories

| Part Number  | Gender | Material            | Type      | Description               |
|--------------|--------|---------------------|-----------|---------------------------|
| SS-12800-010 | Plug   | Nickel Plated Brass | Cap/Cover | M8 Metal Cap with Tethers |
| SS-12800-011 | Socket | Nickel Plated Brass | Cap/Cover | M8 Metal Cap with Tethers |



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Specification subject to change without notice.

ds-stw-M8-A-Code-02-2025-1.5R