

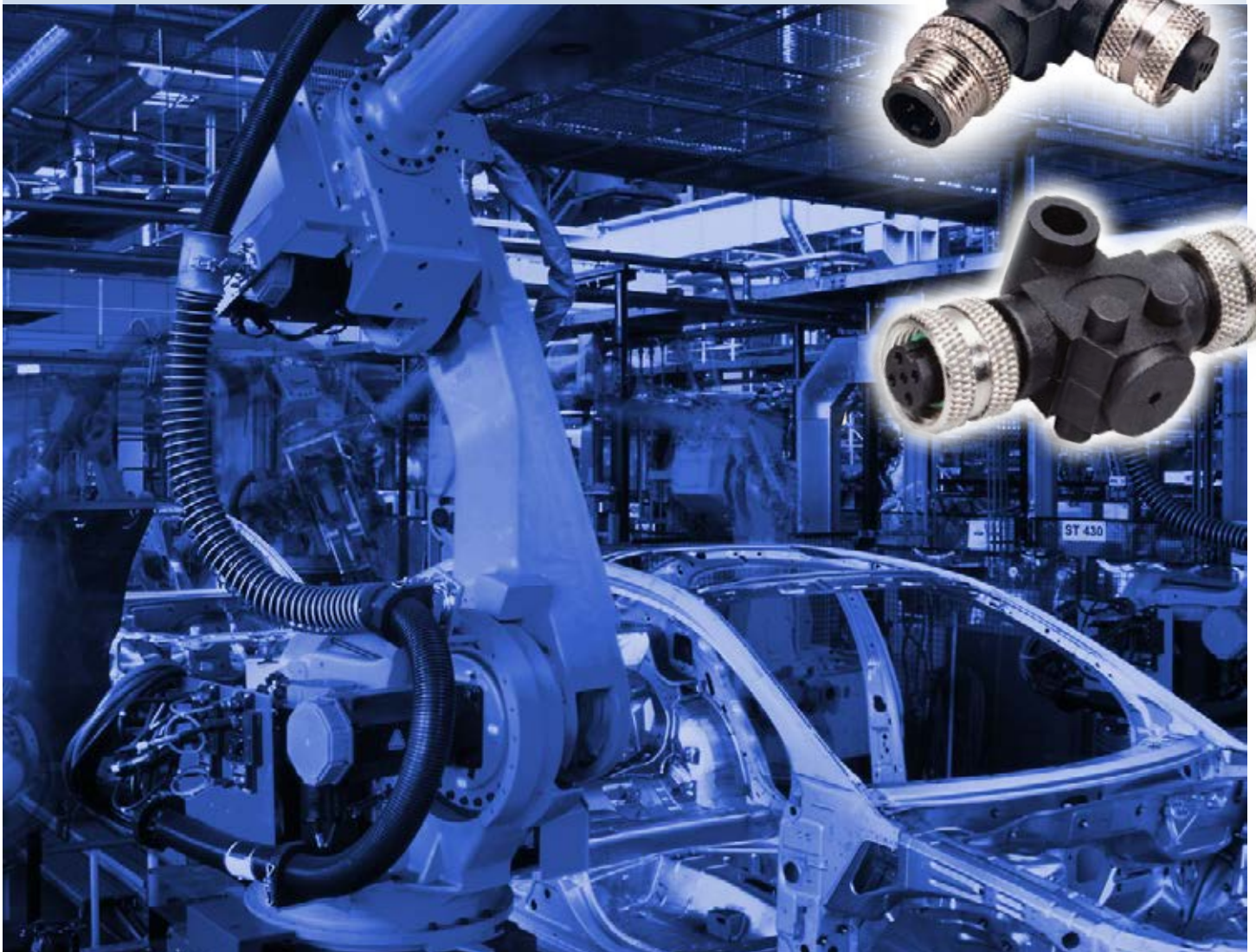
M12 - T,Y&I Adapters

Characteristics

- Compact and rugged design
- IP67/IP68
- Meets industry standards (IEC, NMEA2000, DeviceNet, EtherNet I/P, Profibus & ProfiNet)
- UL/CSA Approval

Applications

- Industrial Robots
- Industrial Lifts
- Communication
- Panels
- Packaging
- Conveyors
- Sensors
- Switches



Technical Data

| Parameters | Standard | Value |
|---------------|---------------------|------------|
| Adaptor Style | NA | T, Y, I |
| Mating Style | IEC 61076 - 2 - 101 | Screw Type |

Materials

| | | |
|-------------------|----|----------------------------|
| Contact Body (UL) | UL | PA + GF |
| Contact Material | NA | Copper Alloy, Gold Plating |
| O-ring | NA | Viton |

Electrical Characteristics

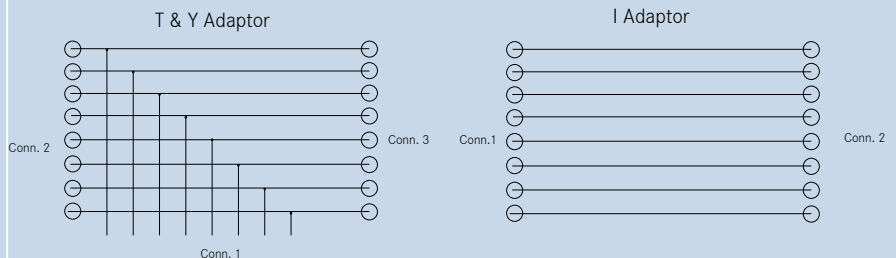
| | | |
|----------------------|-------------------|----------------------|
| Current Rating | IEC 61076 - 2 101 | M12: 4A |
| Voltage Rating | IEC 61076 - 2 101 | M12 4 Pole: 250V |
| Withstanding Voltage | IEC 61076 - 2 101 | M12 4 Pole: 1400Vrms |
| Contact Resistance | IEC 61076 - 2 101 | <10mΩ |

Mechanical Characteristics

| | | |
|--------------------------------|-------------------|--|
| Operating Temperature | NA | -20°C to +75°C |
| Storage Temperature | NA | -20°C to +80°C |
| Insertion and Withdrawal Force | IEC 61076 - 2 101 | M12 Conn.: Insertion: 10N; Withdrawal: 15N |
| Mating Cycle | IEC 61076 - 2 101 | M12 Conn.: 100 |
| Vibration | IEC 61076 - 2 101 | 10 ~ 500 Hz and 0,35 mm |

Dimension

Connections



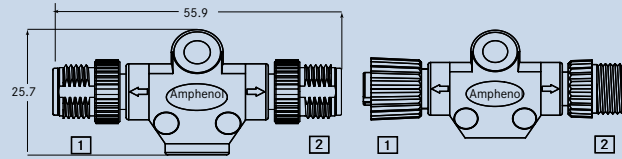
Configurations

* PS - Plastic Version

M - Male Contact

F - Female Contact

Mating Style: Screw Thread



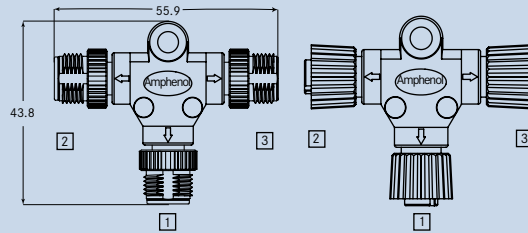
| Code | Current rating | Contacts | Connector 1 2 | | |
|------|----------------|----------|-------------------------------------|--------------------------------------|-------------------------------------|
| A | 4A | 4 | SS-000404-0MM-IS001 | | |
| | | 5 | SS-000505-0MM-IS001 | PS-000505-0FM-IS001* | SS-000405-0FM-IS001 |

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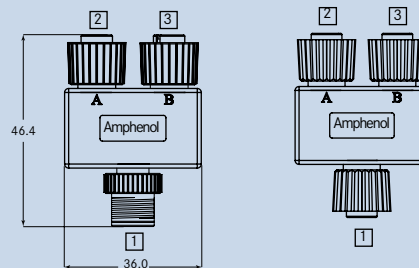
| Code | Current rating | Contacts | Connector 1 2 3 | | |
|------|----------------|----------|--------------------------------------|--------------------------------------|-------------------------------------|
| A | 4A | 4 | SS-040404-MMM-TS001 | SS-040404-FFF-TS001 | SS-040404-MFM-TS001 |
| | | | SS-050505-MMM-TS001 | SS-050505-FFF-TS001 | SS-050505-FMM-TS001 |
| | | 5 | PS-050505-MMM-TS001* | PS-050505-FFF-TS001* | SS-050505-MFM-TS001 |
| | | | SS-050505-FMF-TS001 | PS-050505-MFF-TS001* | SS-050505-MFF-TS001 |
| | | | PS-050505-FMF-TS001* | | |
| | | | | | |

* PS - Plastic Version

M - Male Contact

F - Female Contact

Mating Style: Screw Thread



| Code | Current rating | Contacts | Connector 1 2 3 | | |
|------|----------------|----------|--------------------------------------|--------------------------------------|--------------------------------------|
| A | 2A | 8 | SS-080808-MMM-YS001 | SS-080808-FFF-YS001 | |
| | | | SS-080808-MMF-YS001 | SS-080808-FMM-YS001 | |
| | | | SS-080808-FMF-YS001 | SS-080808-MFF-YS001 | |
| | | | SS-080808-MFF-YS001 | | |
| I | 4A | 5 | PS-050505-MFM-TS001* | PS-050505-FMF-TS001* | PS-050505-FMM-TS001* |
| | | | PS-050505-MFM-TS001* | SS-050505-FFF-YS001 | SS-050505-FFM-YS001 |
| | | | SS-050505-MMM-YS001 | SI-050505-ZZZ-YS001 | |
| | | | SI-050505-KKK-YS001 | | |

Other versions upon request

General Information

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