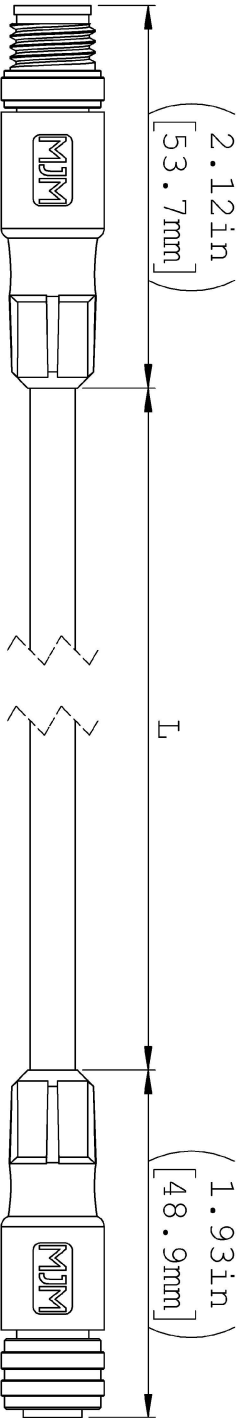


| Assembly Specifications |                |
|-------------------------|----------------|
| Temp Rating             | -20 to 80 C    |
| Max Voltage             | 60V            |
| Max Current             | 4A             |
| IP Protection           | IP 67          |
| Length (L)              | 197in / 5004mm |
| Tolerance               | +4.0in -4.0in  |

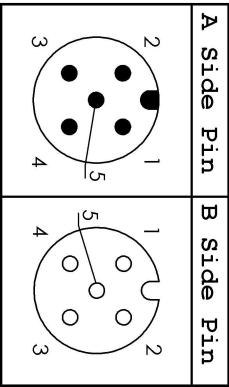
| Wiring Schematic |                 |         |
|------------------|-----------------|---------|
| A Pin #          | Conductor Color | B Pin # |
| 1                | Black           | 1       |
| 2                | Red             | 2       |
| 3                | Blue            | 3       |
| 4                | Orange          | 4       |
| 5                | Yellow          | 5       |
| 6                |                 | 6       |
| 7                |                 | 7       |
| 8                |                 | 8       |
| Shield           |                 | Shield  |

| Cable Specifications |                |
|----------------------|----------------|
| Cable Jacket         | PVC            |
| Cable OD             | 0.20in / 5.0mm |
| No./Gauge            | M46A-522       |
| Conductor Jacket     | PVC            |
| Shielding            | No             |

### A SIDE



### B SIDE



### Notes

- Connector pin view is from front of connector
- Not for interrupting current
- Some options and features may not be shown
- Additional technical details available upon request; Consult Factory
- Dimension in parentheses are for reference only



Date Gen: 4/18/24

| REV | BY  | DATE     | DESCRIPTION        |  |
|-----|-----|----------|--------------------|--|
| 0   | MMG | 01/04/22 | Initial Release    |  |
| 1   | MMG | 03/16/22 | Production Release |  |
|     |     |          |                    |  |
|     |     |          |                    |  |

Tolerance Unless  
Otherwise Specified  
0.00 = +/- 0.13  
0.000 = +/- 0.050  
ANGLES = +/- 5  
Secondary Unit for  
Reference Only



1200 East St, Fairport, OHIO 44077

PH: (440) 350-1230 [www.mjmindustries.com](http://www.mjmindustries.com)

Part Number:

**M12A05M1-0197A-M12A05F1**

Description:

M12 A Coded 5 Position Male Straight to M12 A Coded 5 Position Female Straight with 197in of PVC Cable