

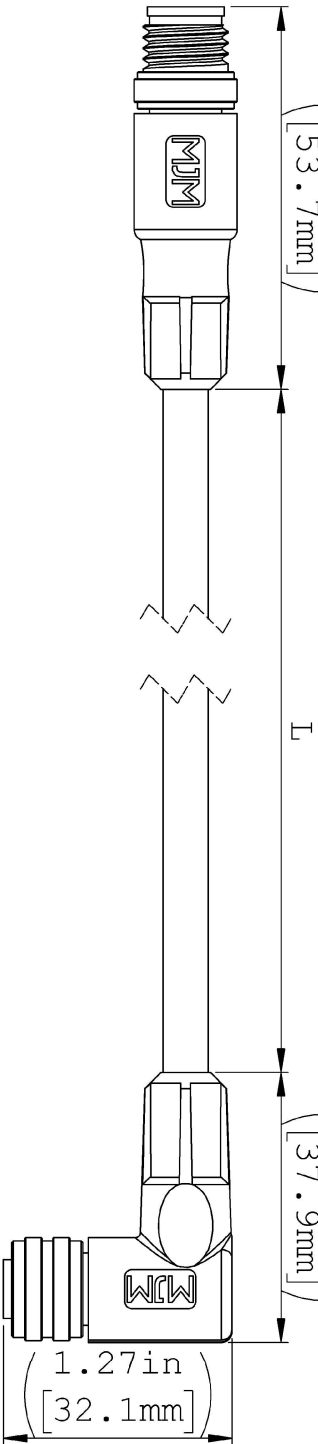
| Assembly Specifications |                 |
|-------------------------|-----------------|
| Temp Rating             | -20 to 80 C     |
| Max Voltage             | 30V             |
| Max Current             | 2A              |
| IP Protection           | IP 67           |
| Length (L)              | 394in / 10008mm |
| 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                | Brown           | 6       |
| 7                | Red/Black       | 7       |
| 8                | Blue/Black      | 8       |
| Shield           | Attached        | Shield  |

| Cable Specifications |                |
|----------------------|----------------|
| Cable Jacket         | PUR            |
| Cable OD             | 0.24in / 6.0mm |
| No./Gauge            | M46D-824       |
| Conductor Jacket     | PVC            |
| Shielding            | Yes            |

**A SIDE**

( 2.12in )  
[ 53.7mm ]

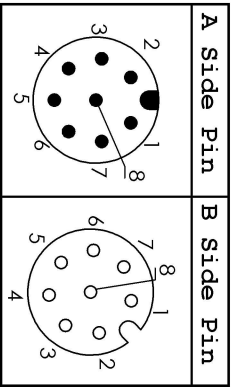


L

**B SIDE**

( 1.49in )  
[ 37.9mm ]

( 1.27in )  
[ 32.1mm ]



### Notes

- 1) Connector pin view is from front of connector
- 2) Not for interrupting current
- 3) Some options and features may not be shown
- 4) Additional technical details available upon request; Consult Factory
- 5) 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



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Part Number:

**M12A08M1-0394D-M12A08F9**

Description:

M12 A Coded 8 Position Male Straight to M12 A Coded  
8 Position Female 90 with 394in of PUR Cable