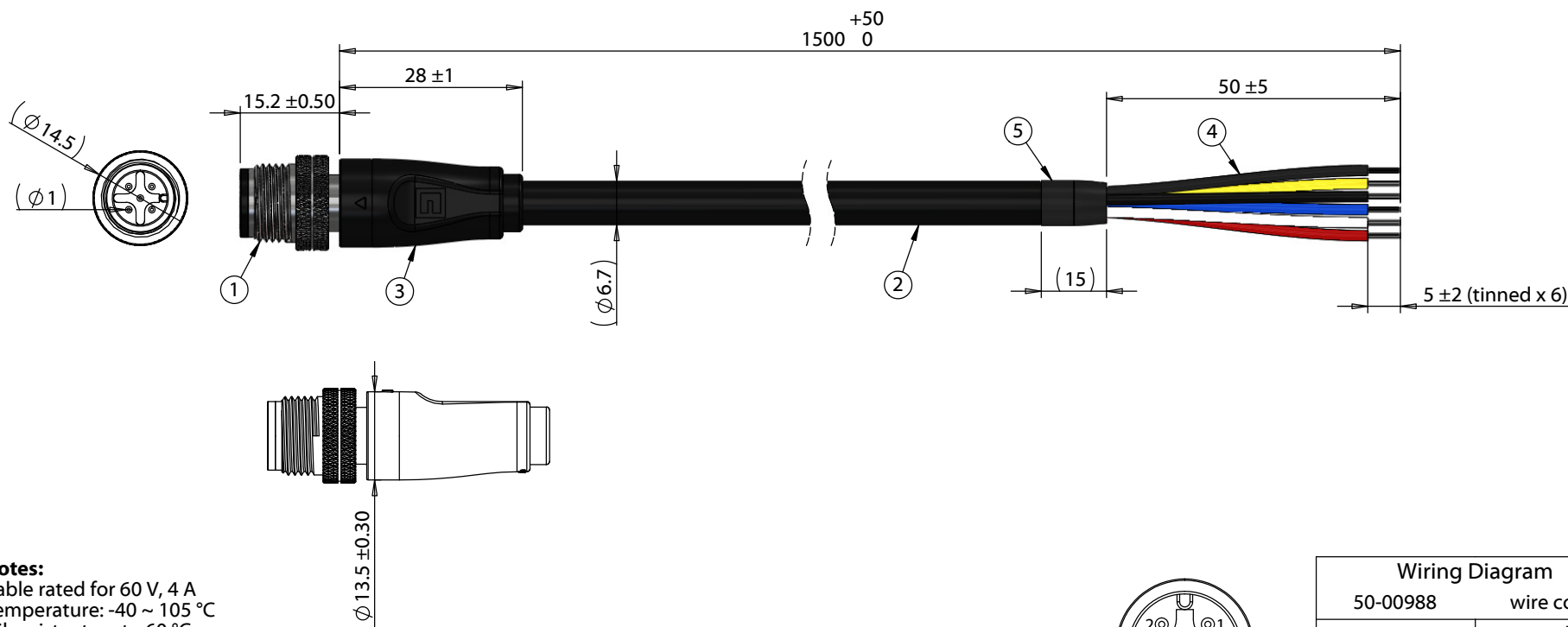


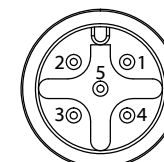
| ITEM NO. | PART NUMBER | DESCRIPTION  | QTY. | COMPONENT NOTES             |
|----------|-------------|--|------|-----------------------------|
| 1        | 50-00988    | Connector, M12 A-code plug, 5 pin, 12xL22 mm, molding style, solder cup, gold plated, IP67, shielded | 1    |                             |
| 2        | 30-03014    | Wire, 5C TS, 22 AWG, UL21765, 300V, 105C, 60C oil, UV, 6.7 mm, shielded, VW-1, TPU                   | 1    |                             |
| 3        | 24-00349    | Overmold, M12 plug and jack, 180°  | 1    | TPU, black                  |
| 4        | Heat shrink | Heat shrink  | 1    | black, covers drain         |
| 5        | Heat shrink | Heat shrink  | 1    | black, covers end of jacket |



**Notes:**  
Cable rated for 60 V, 4 A  
Temperature: -40 ~ 105 °C  
Oil resistant up to 60 °C  
Water resistant up to 75 °C  
UV resistant

IP67 waterproof rating when mated with corresponding (IP67) connector

Functionally equivalent components may be substituted



Front View  
Not to Scale

| Wiring Diagram |              |
|----------------|--------------|
| 50-00988       | wire color   |
| 1              | red          |
| 2              | yellow       |
| 3              | black        |
| 4              | white        |
| 5              | blue         |
| Shell          | shield/drain |

|           |            |                 |  |   |   |                          |
|-----------|------------|-----------------|--|---|---|--------------------------|
| Revision: | Date:      | Description:    | Prepared:  | Notes:  | <div>TENSILITY</div> <div> tel 1.541.323.3228 800 877.670.7118<br/> fax 1.541.323.4202 web tensility.com </div> |                          |
| A         | 01/06/2025 | Initial release | Verified:  | RoHS compliant<br>Function test: no open, no short circuit, no intermittent                                 |   |                          |
|           |            |                 | Dimensions are in millimeters.<br>Tolerances:<br>X: $\pm 0.5$ mm<br>X.X: $\pm 0.3$ mm<br>X.XX: $\pm 0.05$ mm | Description:<br>Cable, 1500 mm, 1.0 mm 5C 50-00988 M12 plug to 5 mm tinned, 22 AWG, 30-03014 wire, shielded | Size:<br>A  | Part number:<br>10-06198 |
|           |            |                 |  |   | Scale: 1:1  | Sheet 1 of 1             |

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