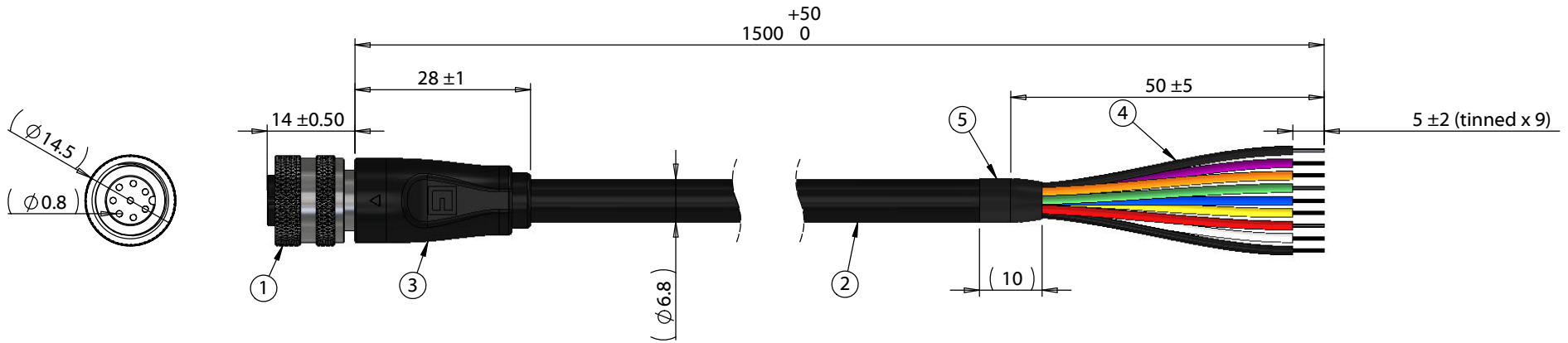


| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. | COMPONENT NOTES |
|----------|-------------|--|------|----------------------|
| 1 | 50-00983 | Connector, 8 pin M12 A-code socket, 12xL22mm, gold plated, molding style, solder cup, IP67, shielded | 1 | |
| 2 | 30-01611 | Wire, 8C TS, 24 AWG, UL20387, 300V, 105C, 60C oil, UV, 6.8 mm, shielded, VW-1, PVC, 80A, black | 1 | |
| 3 | 24-00349 | Overmold, M12 plug and jack, 180° | 1 | PVC, black |
| 4 | Heat shrink | Heat shrink, black | 1 | covers drain |
| 5 | Heat shrink | Heat shrink, black | 1 | covers end of jacket |

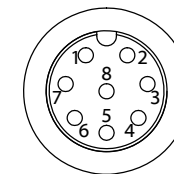


Notes:
 Cable rated for 30 V, 2 A
 Temperature: -40 ~ 105 °C
 Oil resistant up to 60 °C
 Water resistant up to 75 °C
 UV resistant

IP67 waterproof rating when mated with corresponding (IP67) connector

Functionally equivalent components may be substituted

| Wiring Diagram | |
|----------------|--------------|
| 50-00983 | wire color |
| 1 | red |
| 2 | yellow |
| 3 | black |
| 4 | white |
| 5 | orange |
| 6 | blue |
| 7 | green |
| 8 | purple |
| Shell | shield/drain |



Front View
Not to Scale

| | | | | | |
|-----------|------------|-----------------|---|---|---|
| Revision: | Date: | Description: | Prepared: | Notes: | <h1>TENSILITY</h1> <p>tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com</p> |
| A | 10/15/2020 | Initial release | AG <small>Digitally signed by AG Date: 2020.10.15 15:30:34 -0700'</small> | RoHS compliant | |
| | | | Verified: AW <small>Digitally signed by AW Date: 2020.10.20 14:47:18 -0700'</small> | Function test: no open, no short circuit, no intermittent | |
| | | | Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm | Description: Cable, 1500 mm, 0.8 mm 8C 50-00983 M12 socket to 5 mm tinned, 24 AWG, 30-01611 wire, shielded | |
| | | | | Size: A | Part number: 10-03817 |
| | | | | Scale: 1:1 | Sheet 1 of 1 |

5

4

3

2

1