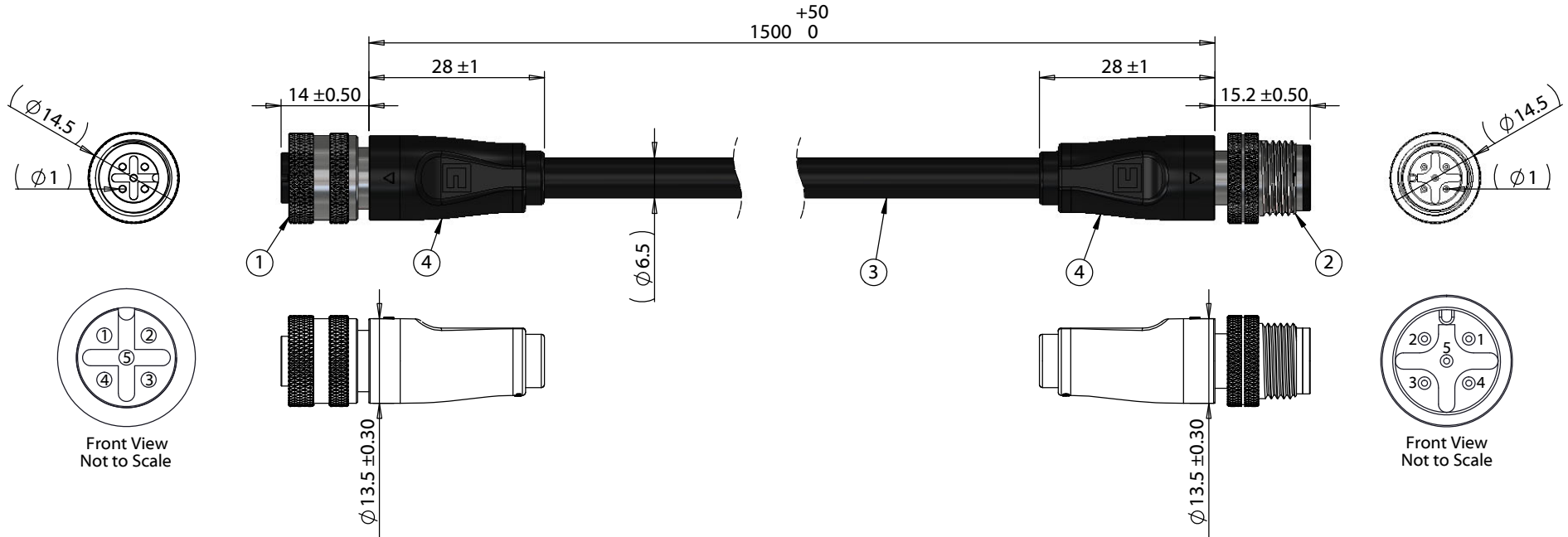


| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. | COMPONENT NOTES |
|----------|-------------|--|------|-----------------|
| 1 | 50-00981 | Connector, 5 pin M12 A-code socket, 12xL22mm, gold plated, molding style, solder cup, IP67, shielded | 1 | |
| 2 | 50-00988 | Connector, 5 pin M12 A-code plug, 12xL22mm, gold plated, molding style, solder cup, IP67, shielded | 1 | |
| 3 | 30-01586 | Wire, 5C TS, 22 AWG, UL20387, 300V, 105C, 60C oil, UV, 6.5 mm, shielded, VW-1, PVC, 80A, black | 1 | |
| 4 | 24-00349 | Overmold, M12 plug and jack, 180° | 2 | PVC, black |



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

| Wiring Diagram | | |
|----------------|--------------|----------|
| 50-00981 | wire color | 50-00988 |
| 1 | red | 1 |
| 2 | yellow | 2 |
| 3 | black | 3 |
| 4 | white | 4 |
| 5 | blue | 5 |
| Shell | shield/drain | Shell |

| | | | | | |
|-----------|------------|-----------------|--|--|---|
| Revision: | Date: | Description: | Prepared: | Notes: | <h1>TENSILITY</h1> tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com |
| A | 10/15/2020 | Initial release | AG <small>Digitally signed by AG Date: 2020.10.15 16:33:09 -07'00'</small> | | |
| | | | Verified: | Function test: no open, no short circuit, no intermittent | Size: Part number: A 10-03849 |
| | | | AW <small>Digitally signed by AW Date: 2020.10.20 15:51:00 -07'00'</small> | Description: | |
| | | | Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm | Cable, 1500 mm, 1.0 mm 5C 50-00981 M12 socket to 1.0 mm 50-00988 M12 plug, 22 AWG, 30-01586 wire | Scale: 1:1 |
| | | | | | Sheet 1 of 1 |

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