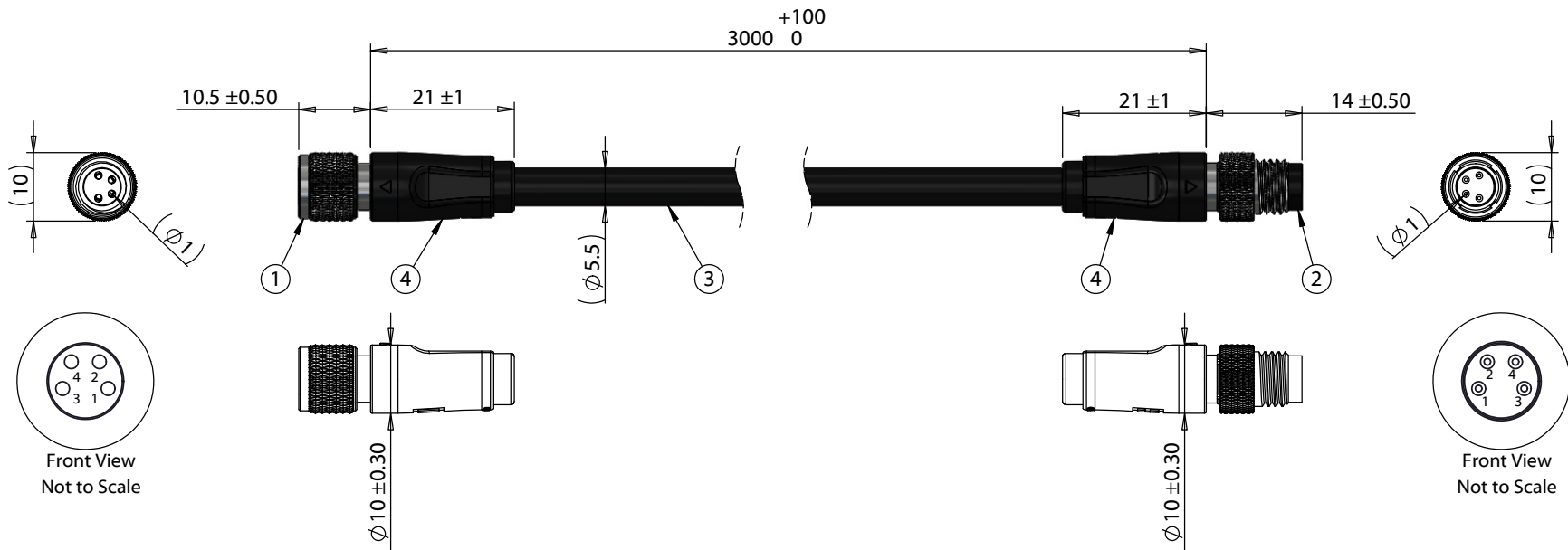


| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. | COMPONENT NOTES |
|----------|-------------|--|------|-----------------|
| 1 | 50-00682 | Connector, 4 pin M8 A-code socket, 8x15.1 mm, gold plated, molding style, solder cup, IP67, shielded | 1 | |
| 2 | 50-00680 | Connector, 4 pin M8 A-code plug, 8x19.2 mm, gold plated, molding style, solder cup, IP67, shielded | 1 | |
| 3 | 30-01579 | Wire, 4C TS, 24 AWG, UL20387, 300V, 105C, 60C oil, UV, 5.5 mm, shielded, VW-1, PVC, 80A, black | 1 | |
| 4 | 24-00378 | Overmold, M8 plug and jack, 180° | 2 | PVC, black |



Notes:
 Cable rated for 30 V, 3 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 | | |
|----------------|------------|----------|
| 50-00682 | wire color | 50-00680 |
| 1 | red | 1 |
| 2 | yellow | 2 |
| 3 | black | 3 |
| 4 | white | 4 |
| Shell | shield | Shell |

| | | | | | |
|-------------|----------------|------------------------------|--|---|---|
| Revision: A | Date: 3/4/2022 | Description: Initial release | Prepared: MP <small>Digitally signed by MP Date: 2022.03.07 14:10:27 +0800</small> | Notes: RoHS compliant Function test: no open, no short circuit, no intermittent | <h1>TENSILITY</h1> <p>tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com</p> |
| | | | Verified: PB <small>Digitally signed by PB Date: 2022.03.07 14:41:23 +0800</small> | Description: Cable, 3000mm, 1.0 mm 4C 50-00682 M8 socket to 1.0 mm 50-00680 M8 plug, 24 AWG, 30-01579 wire | |
| | | | Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm | | Size: A Part number: 10-04172 |
| | | | | | Scale: 1:1 Sheet 1 of 1 |

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