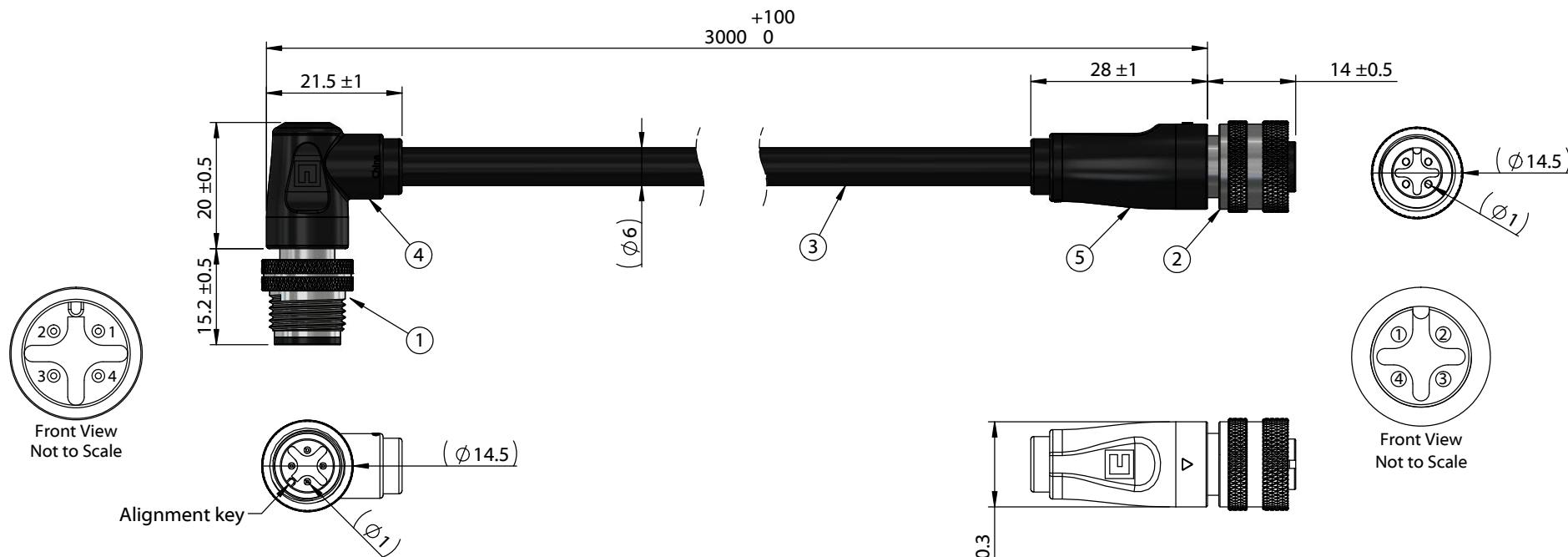


| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. | COMPONENT NOTES |
|----------|-------------|--|------|-----------------|
| 1 | 50-00987 | Connector, 4 pin M12 A-code plug, 12xL22mm, gold plated, molding style, solder cup, IP67, shielded | 1 | |
| 2 | 50-00980 | Connector, 4 pin M12 A-code socket, 12xL22mm, gold plated, molding style, solder cup, IP67, shielded | 1 | |
| 3 | 30-01578 | Wire, 4C TS, 22 AWG, UL20387, 300V, 105C, 60C oil, UV, 6 mm, shielded, VW-1, PVC, 80A, black | 1 | |
| 4 | 24-00361 | Overmold, M12 plug and jack, 90° | 1 | PVC, black |
| 5 | 24-00349 | Overmold, M12 plug and jack, 180° | 1 | PVC, black |



Notes:
Cable rated for 250 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 | | |
|----------------|--------------|----------|
| 50-00987 | wire color | 50-00980 |
| 1 | red | 1 |
| 2 | yellow | 2 |
| 3 | black | 3 |
| 4 | white | 4 |
| Shell | shield/drain | Shell |

| | | | | | |
|-----------|------------|-----------------|--|--|--|
| Revision: | Date: | Description: | Prepared: MP <small>Digitally signed by MP Date: 2022.07.13 13:39:35 -07'00'</small> | Notes: | <h1>TENSILITY</h1> <p>tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com</p> |
| A | 01/04/2022 | Initial release | Verified: PB <small>Digitally signed by PB Date: 2022.07.13 13:39:35 -07'00'</small> | RoHS compliant | |
| | | | Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm | Function test: no open, no short circuit, no intermittent | |
| | | | | Description: Cable, 3000 mm, 1.0 mm 4C 90° 50-00987 M12 plug to 1.0 mm 50-00980 M12 socket, 22 AWG, 30-01578 wire | |
| | | | | Size: A | Part number: 10-05082 |
| | | | | Scale: 1:1 | Sheet 1 of 1 |

5 4 3 2 1