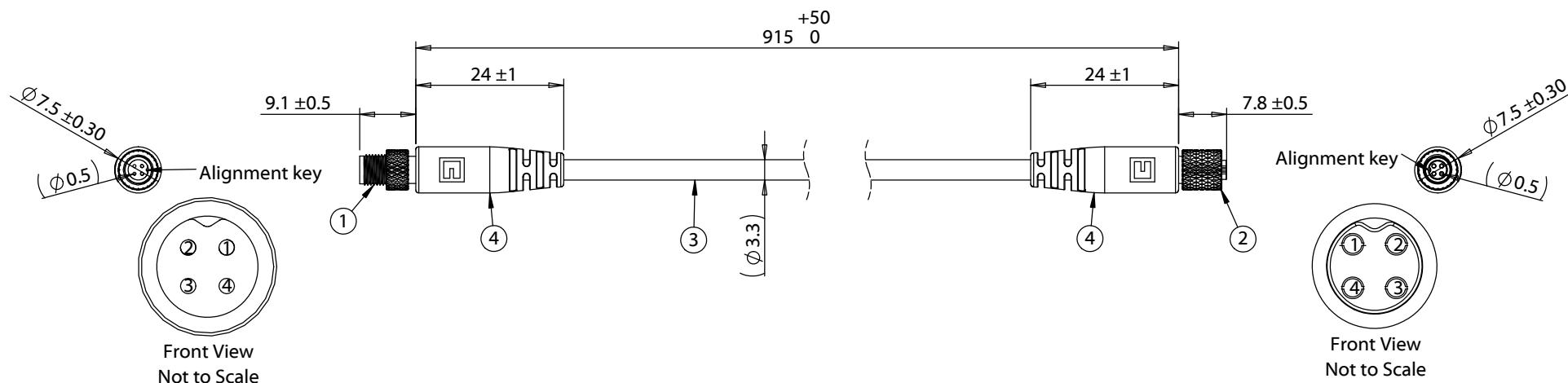


| ITEM NO. | PART NUMBER | DESCRIPTION                                                                                   | QTY. | COMPONENT NOTES |
|----------|-------------|-----------------------------------------------------------------------------------------------|------|-----------------|
| 1        | 50-00671    | Connector, 4 pin M5 plug, 5xL15.4mm, gold plated, molding style, solder cup, IP67, shielded   | 1    |                 |
| 2        | 50-00673    | Connector, 4 pin M5 socket, 5xL14.7mm, gold plated, molding style, solder cup, IP67, shielded | 1    |                 |
| 3        | 30-01639    | Wire, 4C, 2PR TS, 28 AWG, 150V, 70C, 3.3 mm, shielded, TPU, WBL                               | 1    |                 |
| 4        | 24-00356    | Overmold, M5 shielded, 180°, Ø7.5xL24 mm                                                      | 2    | TPU, black      |



**Notes:**  
Functionally equivalent components may be substituted

IP67 waterproof rating when mated with corresponding (IP67) connector

Cable rated for 60 V, 1.0 A

| Wiring Diagram |            |          |
|----------------|------------|----------|
| 50-00671       | wire color | 50-00673 |
| 1              | red        | 1        |
| 2              | black      | 2        |
| 3              | green      | 3        |
| 4              | white      | 4        |
| Shell          | shield     | Shell    |

|           |           |                 |                                                                |                                                                                                        |                                                                                                                                                                                                 |
|-----------|-----------|-----------------|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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> <div> Size: A Part number: 10-05843 </div> <div> Scale: 1:1 Sheet 1 of 1 </div> |
| A         | 10/9/2023 | Initial release | Verified:                                                      | RoHS compliant                                                                                         |                                                                                                                                                                                                 |
|           |           |                 |                                                                | Function test: no open, no short circuit, no intermittent                                              |                                                                                                                                                                                                 |
|           |           |                 | Dimensions are in millimeters.                                 | Description:                                                                                           |                                                                                                                                                                                                 |
|           |           |                 | Tolerances:<br>X: ± 0.5 mm<br>X.X: ± 0.3 mm<br>X.XX: ± 0.05 mm | Cable, 915 mm, 0.5 mm 4C 50-00671 M5 plug to 50-00673 M5 socket, 28 AWG, 30-01639 wire, IP67, shielded |                                                                                                                                                                                                 |

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