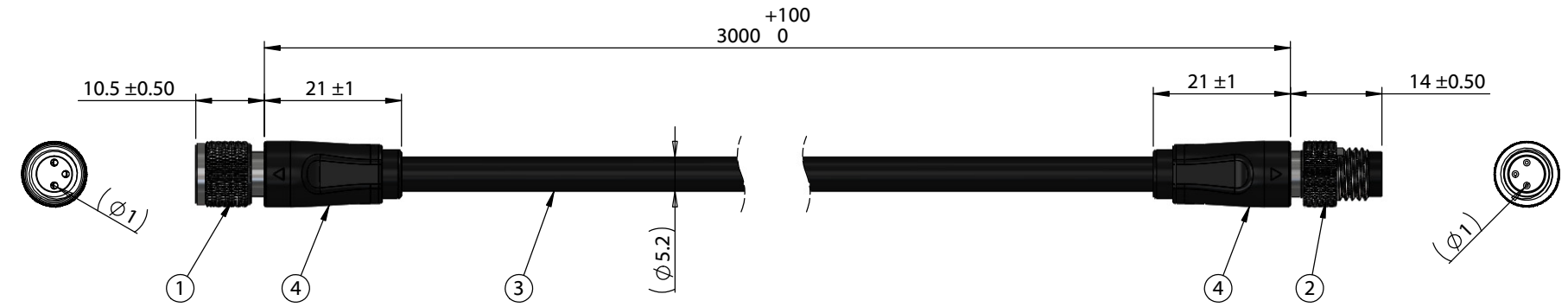
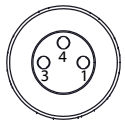
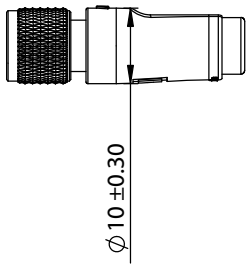
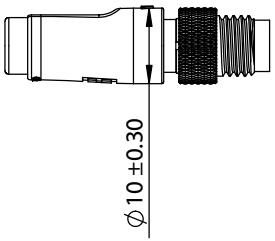
| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. | COMPONENT NOTES |
|---|---|---|---|---|
| 1 | 50-00681 | Connector, 3 pin M8 A-code socket, 8x15.1 mm, gold plated, molding style, solder cup, IP67, shielded | 1 | |
| 2 | 50-00679 | Connector, 3 pin M8 A-code plug, 8x19.2 mm, gold plated, molding style, solder cup, IP67, shielded | 1 | |
| 3 | 30-01571 | Wire, 3C TS, 24 AWG, UL20387, 300V, 105C, 60C oil, UV, 5.2 mm, shielded, VW-1, PVC, 80A, black | 1 | |
| 4 | 24-00378 | Overmold, M8 plug and jack, 180° | 2 | PVC, black |




Front View
Not to Scale







Front View
Not to Scale

**Notes:**
Cable rated for 60 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 | | |
|---|---|---|
| 50-00681 | wire color | 50-00679 |
| 1 | red | 1 |
| 3 | black | 3 |
| 4 | white | 4 |
| Shell | shield | Shell |

| Revision: | Date: | Description: |
|---|---|---|
| A | 3/4/2022 | Initial release |
| | | |
| | | |
| | | |
| | | |

Prepared: MP Digitally signed by MP Date: 2022.03.04 16:15:01 -08'00'

Verified: PB Digitally signed by PB Date: 2022.03.07 13:52:22 -08'00'

Dimensions are in millimeters.
Tolerances:
X: ± 0.5 mm
X.X: ± 0.3 mm
X.XX: ± 0.05 mm

Notes:

RoHS compliant

Function test: no open, no short circuit, no intermittent

Description:

Cable, 3000mm, 1.0 mm 3C 50-00681 M8 socket to 1.0 mm 50-00679 M8 plug, 24 AWG, 30-01571 wire


TENSILITY

*tel* 1.541.323.3228 *800* 877.670.7118
*fax* 1.541.323.4202 *web* tensility.com


Size: A

Part number: 10-04168

Scale: 1:1

Sheet 1 of 1


To see a custom version of this cable assembly, call Tensility at 541-323-3228 or email engineering@tensility.com