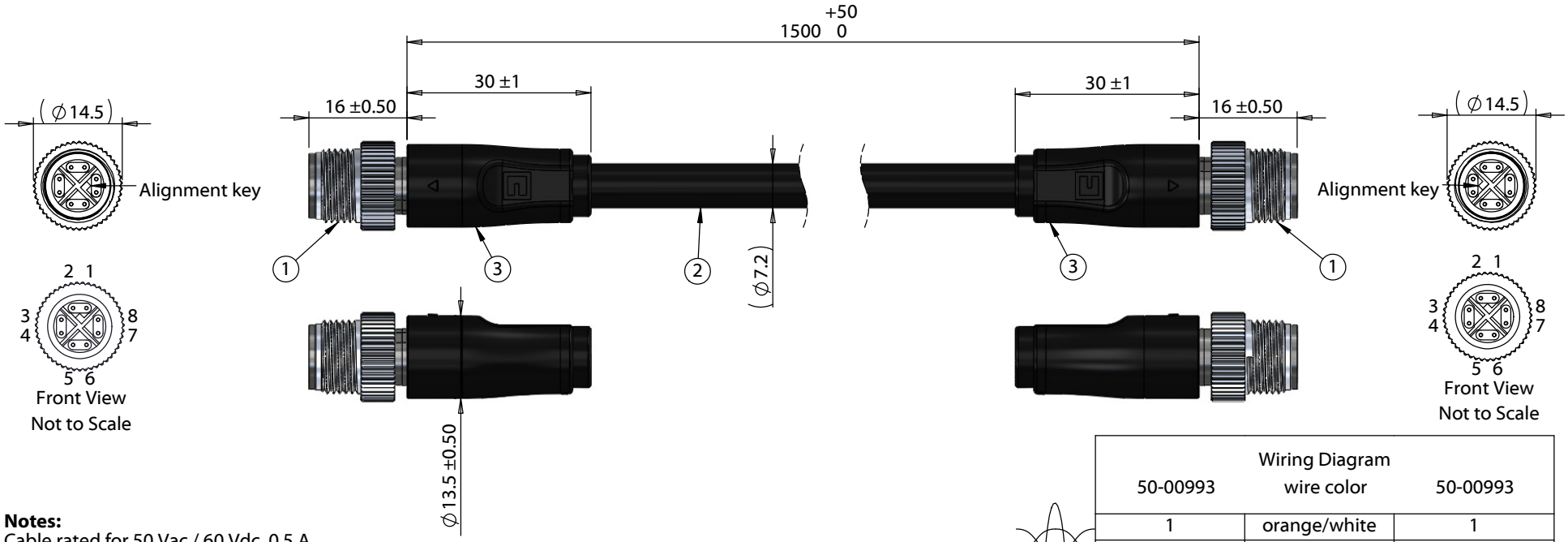
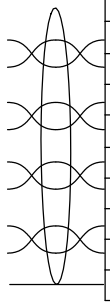
| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. | COMPONENT NOTES |
|---|---|---|---|---|
| 1 | 50-00993 | Connector, 8 pin M12 X-code plug, 12xL38.6mm, gold plated, molding style, solder cup, IP67, shielded | 2 | |
| 2 | 30-01714 | Wire, 4PR BC, 26 AWG, CAT6a SF/UTP, UL20387, 300V, 105C, 60C oil, UV, 7.2 mm, shielded, VW-1, PVC | 1 | |
| 3 | 24-00363 | Overmold, M12 X-code plug and jack, 180° | 2 | PVC, black, 60 °C oil and UV resistant |




**Notes:**
Cable rated for 50 Vac / 60 Vdc, 0.5 A
Temperature: -40 ~ 105 °C
Signal: Ethernet CAT6a, 10 Gbps
Oil resistant up to 60 °C
Water resistant up to 75 °C
UV resistant

IP67 waterproof rating when M12 connector mated with corresponding (IP67) M12 connector

Functionally equivalent components may be substituted



| Wiring Diagram | | |
|---|---|---|
| 50-00993 | wire color | 50-00993 |
| 1 | orange/white | 1 |
| 2 | orange | 2 |
| 3 | green/white | 3 |
| 4 | green | 4 |
| 5 | brown/white | 5 |
| 6 | brown | 6 |
| 7 | blue/white | 7 |
| 8 | blue | 8 |
| Shell | shield | Shell |

| Revision: | Date: | Description: |
|---|---|---|
| A | 5/19/2022 | Initial release |
| | | |
| | | |
| | | |
| | | |

Prepared: AG Digitally signed by AG Date: 2025.02.20 17:01:06 -08'00'

Verified: AL Digitally signed by AL Date: 2025.02.21 16:05:04 -08'00'

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

Notes:

RoHS compliant

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

Description:

Cable, 1500 mm, 8 pin 50-00993 M12 X-code plug to same, CAT6a, 26 AWG, 30-01714 wire


TENSILITY
tel 1.541.323.3228 800 877.670.7118
fax 1.541.323.4202 web tensility.com


Size: A
Part number: 10-03990
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

5 4 3 2 1