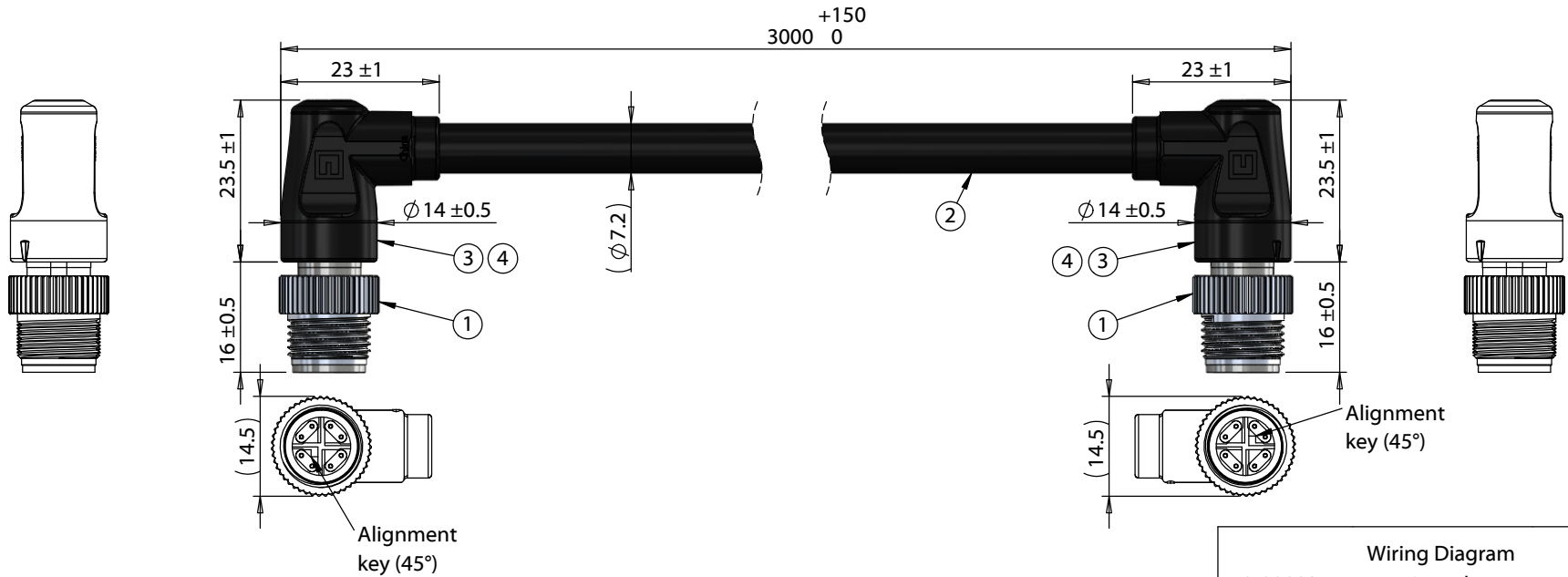


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	50-00993	Connector, 8 pin M12 X-code plug, 12xL38.6mm, gold plated, molding style, solder cup, IP67, shielded	2	
2	30-01713	Wire, 4PR BC, 24 AWG, CAT6a SF/UTP, UL20387, 300V, 105C, 60C oil, UV, 7.2 mm, shielded, VW-1, PVC	1	
3	24-00464	Overmold, M12 X-code plug and jack, 90°	2	PVC, black, 60 °C oil and UV resistant
4	Copper tape	Copper foil shielding tape	2	shield between wire and connector

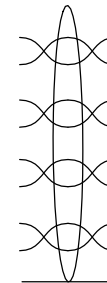
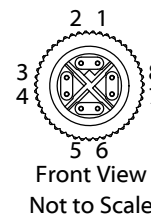


Notes:
 Cable rated for 50 Vac / 60 Vdc, 0.5 A
 Temperature: -40 ~ 105 °C
 Signal: Ethernet CAT6a, 10 Gbps
 Oil resistant up to 60 °C
 Water resistant up to 75 °C
 UV resistant

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:	Prepared:	Notes: RoHS compliant	TENSILITY tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com
A	02/24/2026	Initial release	Verified:		
			Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description: Cable, 3000 mm, 8 pin 50-00993 M12 X-code 90° plug to same, CAT6a, 24 AWG, 30-01713 wire	Size: Part number: A 10-06569
					Scale: 1:1 Sheet 1 of 1

5

4

3

2

1