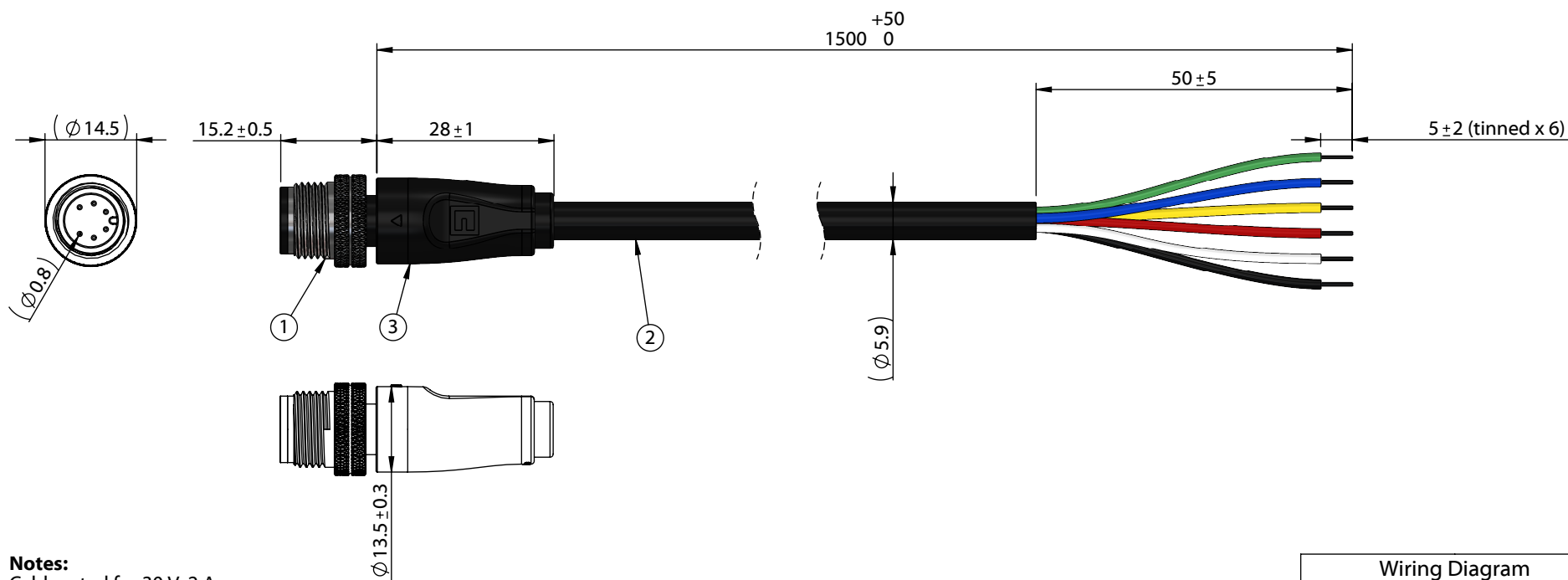


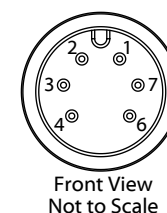
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	50-00961	Connector, 6 pin M12 A-code plug, 12xL22mm, gold plated, molding style, solder cup, IP67	1	
2	30-01675	Wire, 6C TS, 24 AWG, UL20387, 300V, 105C, 60C oil, UV, 5.9 mm, VW-1, PVC, 80A, black	1	
3	24-00349	Overmold, M12 plug and jack, 180°	1	PVC, black



Notes:
Cable rated for 30 V, 2 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	
50-00961	wire color
1	red
2	yellow
3	black
4	white
6	blue
7	green

Revision:	Date:	Description:	Prepared:	Notes:	<div>TENSILITY</div> <div> tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com </div>	
A	12/29/2021	Initial release	Verified:	RoHS compliant Function test: no open, no short circuit, no intermittent		
			Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description: Cable, 1500 mm, 0.8 mm 6C 50-00961 M12 plug to 5 mm tinned, 24 AWG, 30-01675 wire	Size: A	Part number: 10-04501
					Scale: 1:1	Sheet 1 of 1

5

4

3

2

1