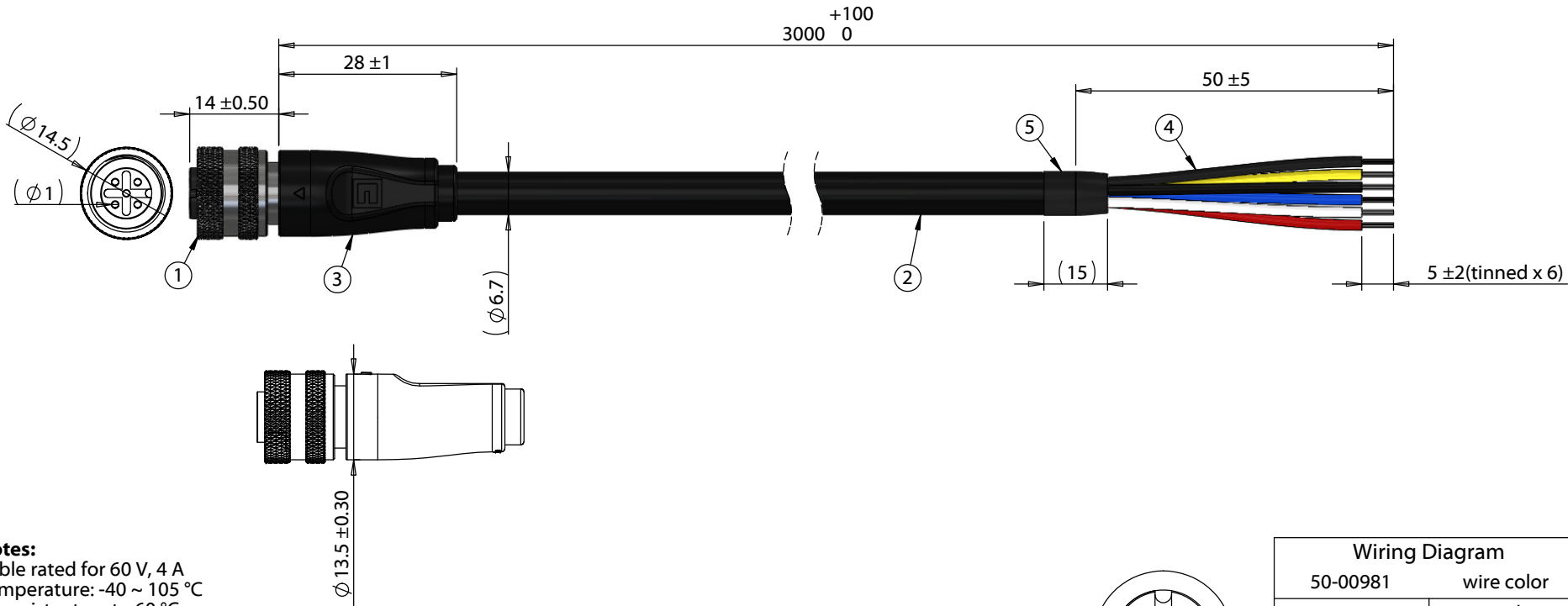


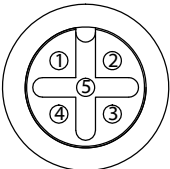
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	50-00981	Connector, M12 A-code socket, 5 pin, 12xL22 mm, molding style, solder cup, gold plated, IP67, shielded	1	
2	30-03014	Wire, 5C TS, 22 AWG, UL21765, 300V, 105C, 60C oil, UV, 6.7 mm, shielded, VW-1, TPU	1	
3	24-00349	Overmold, M12 plug and jack, 180°	1	TPU, black
4	Heat shrink	Heat shrink	1	black, covers drain
5	Heat shrink	Heat shrink	1	black, covers end of jacket



**Notes:**  
 Cable rated for 60 V, 4 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



Front View  
Not to Scale

Wiring Diagram	
50-00981	wire color
1	red
2	yellow
3	black
4	white
5	blue
Shell	shield/drain

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	01/06/2025	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, 3000 mm, 1.0 mm 5C 50-00981 M12 socket to 5 mm tinned, 22 AWG, 30-03014 wire, shielded	Size: A	Part number: 10-06196
					Scale: 1:1	Sheet 1 of 1