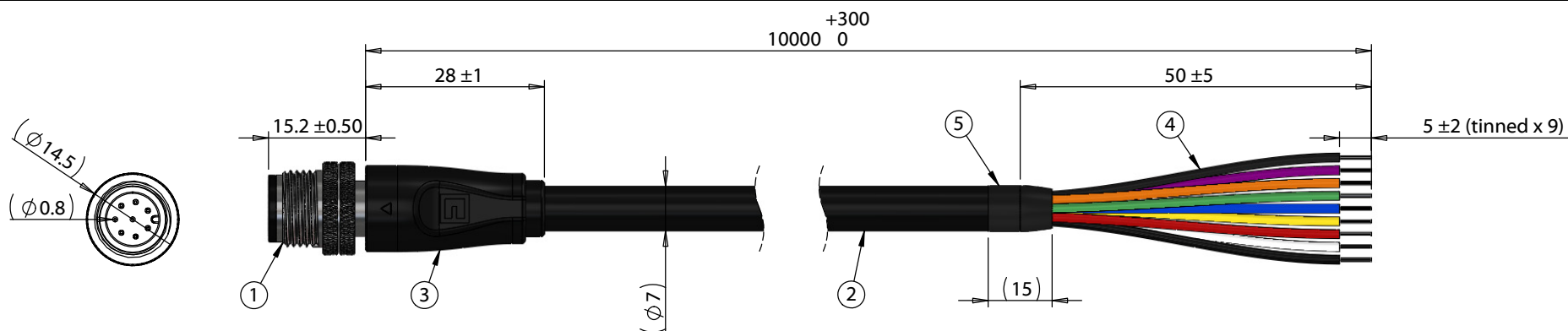


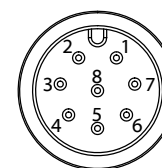
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	50-00990	Connector, M12 A-code plug, 8 pin, 12xL22 mm, molding style, solder cup, gold plated, IP67, shielded	1	
2	30-03039	Wire, 8C TS, 24 AWG, UL21765, 300V, 105C, 60C oil, UV, 7 mm, shielded, VW-1, TPU	1	
3	24-00349	Overmold, M12 plug and jack, 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 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



Front View
Not to Scale

Wiring Diagram	
50-00990	wire color
1	red
2	yellow
3	black
4	white
5	orange
6	blue
7	green
8	purple
Shell	shield/drain

Revision:	Date:	Description:	Prepared:	Notes:	TENSILITY tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com	
A	01/07/2025	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, 10000 mm, 0.8 mm 8C 50-00990 M12 plug to 5 mm tinned, 24 AWG, 30-03039 wire, shielded	Size: A	Part number: 10-06220
					Scale: 1:1	Sheet 1 of 1

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