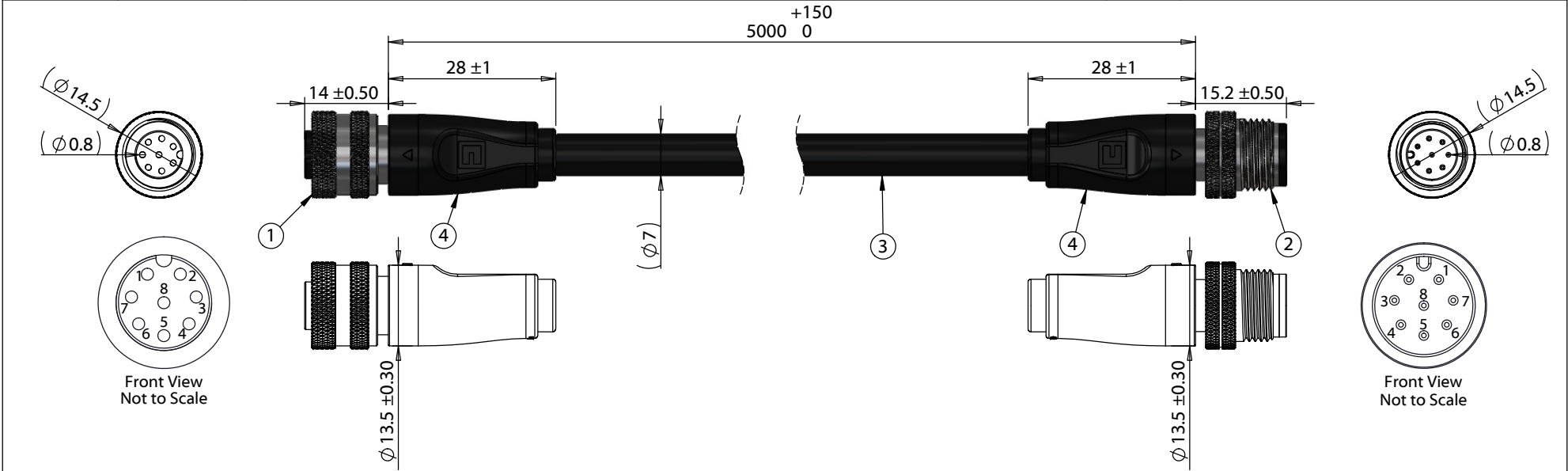


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	50-00983	Connector, M12 A-code socket, 8 pin, 12xL22 mm, molding style, solder cup, gold plated, IP67, shielded	1	
2	50-00990	Connector, M12 A-code plug, 8 pin, 12xL22 mm, molding style, solder cup, gold plated, IP67, shielded	1	
3	30-03039	Wire, 8C TS, 24 AWG, UL21765, 300V, 105C, 60C oil, UV, 7 mm, shielded, VW-1, TPU	1	
4	24-00349	Overmold, M12 plug and jack, 180°	2	TPU, 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		
50-00983	wire color	50-00990
1	red	1
2	yellow	2
3	black	3
4	white	4
5	orange	5
6	blue	6
7	green	7
8	purple	8
Shell	shield/drain	Shell

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		
			Dimensions are in millimeters.	Function test: no open, no short circuit, no intermittent		
			Tolerances: X: $\pm$ 0.5 mm X.X: $\pm$ 0.3 mm X.XX: $\pm$ 0.05 mm	Description: Cable, 5000 mm, 0.8 mm 8C 50-00983 M12 socket to 0.8 mm 50-00990 M12 plug, 24 AWG, 30-03039 wire		
					Size: A	Part number: 10-06203
					Scale: 1:1	Sheet 1 of 1