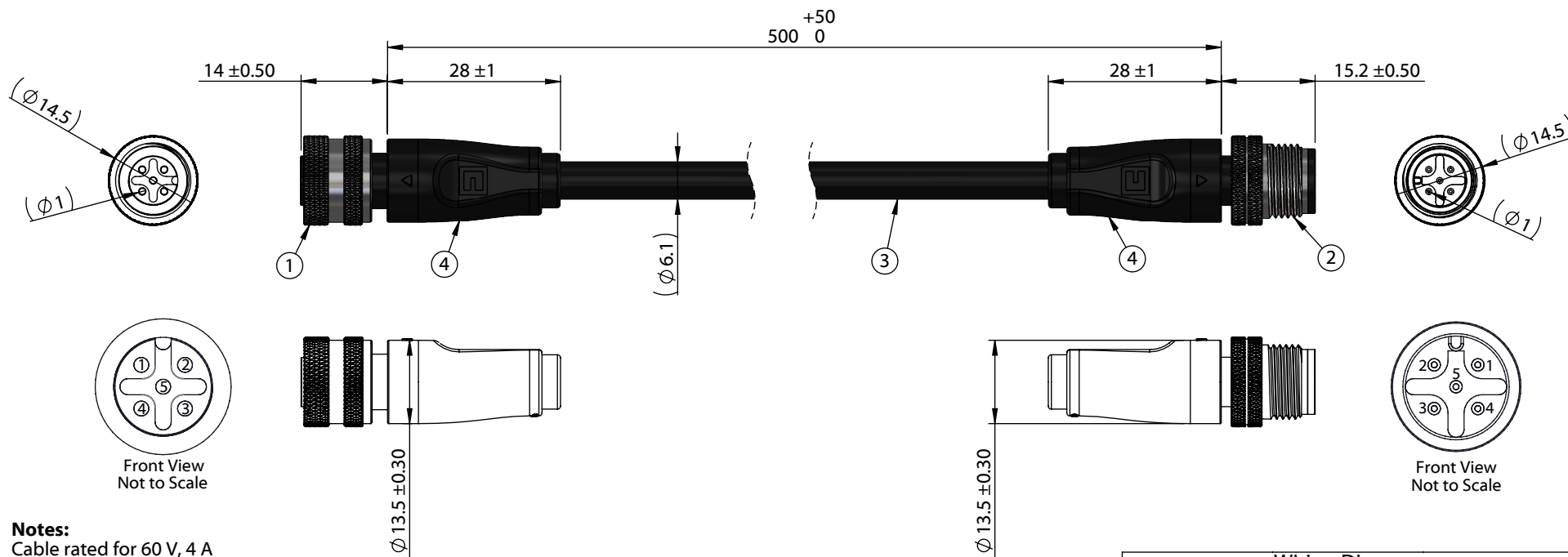


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	50-00953	Connector, 5 pin M12 A-code socket, 12xL22mm, gold plated, molding style, solder cup, IP67	1	
2	50-00960	Connector, 5 pin M12 A-code plug, 12xL22mm, gold plated, molding style, solder cup, IP67	1	
3	30-01666	Wire, 5C TS, 22 AWG, UL20387, 300V, 105C, 60C oil, UV, 6.1 mm, VW-1, PVC, 80A, black	1	
4	24-00349	Overmold, M12 plug and jack, 180°	2	PVC, black



**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

Wiring Diagram		
50-00953	wire color	50-00960
1	red	1
2	yellow	2
3	black	3
4	white	4
5	blue	5

Revision:	Date:	Description:	Prepared:	Notes:	<h1>TENSILITY</h1> <p>tel 1.541.323.3228 800 877.670.7118          fax 1.541.323.4202 web tensility.com</p>
A	12/29/2021	Initial release	Verified:		
			Dimensions are in millimeters. Tolerances:	Function test: no open, no short circuit, no intermittent	Size: A    Part number: 10-04520 Scale: 1:1    Sheet 1 of 1
			X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description: Cable, 500 mm, 1.0 mm 5C 50-00953 M12 socket to 1.0 mm 50-00960 M12 plug, 22 AWG, 30-01666 wire	

5

4

3

2

1