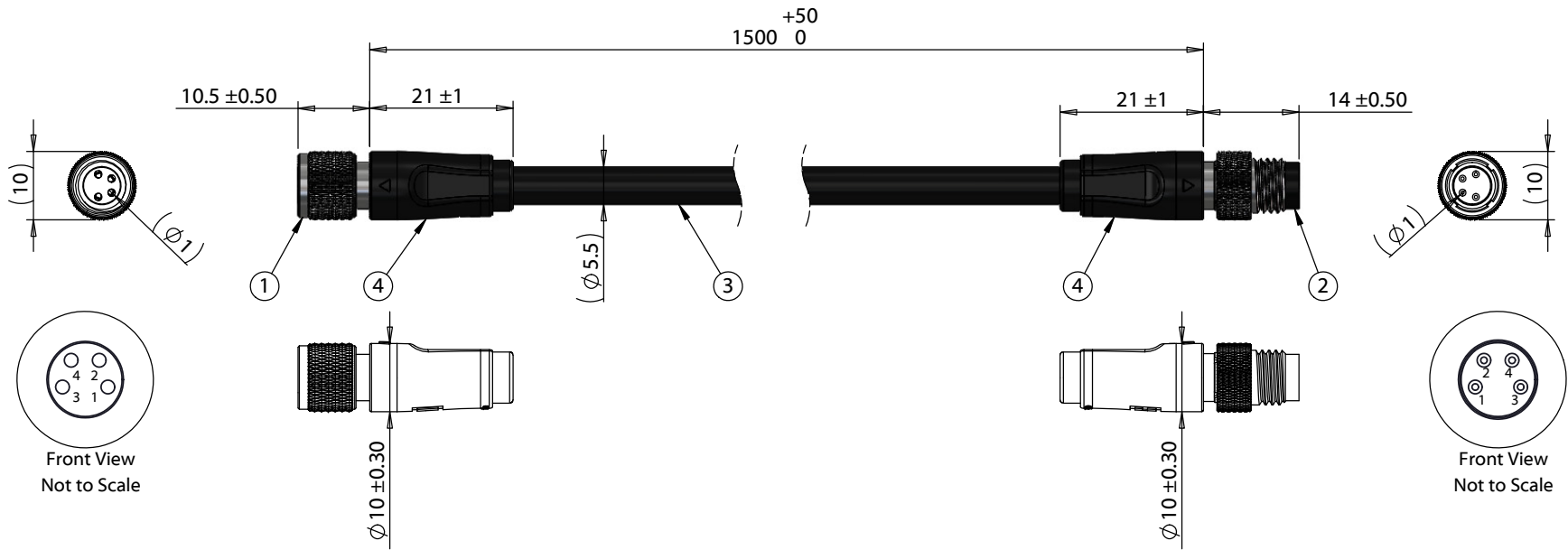


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	50-00682	Connector, 4 pin M8 A-code socket, 8x15.1 mm, gold plated, molding style, solder cup, IP67, shielded	1	
2	50-00680	Connector, 4 pin M8 A-code plug, 8x19.2 mm, gold plated, molding style, solder cup, IP67, shielded	1	
3	30-01579	Wire, 4C TS, 24 AWG, UL20387, 300V, 105C, 60C oil, UV, 5.5 mm, shielded, VW-1, PVC, 80A, black	1	
4	24-00378	Overmold, M8 plug and jack, 180°	2	PVC, black



**Notes:**

Cable rated for 30 V, 3 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		
50-00682	wire color	50-00680
1	red	1
2	yellow	2
3	black	3
4	white	4
Shell	shield	Shell

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	3/4/2022	Initial release	Verified:		
			Dimensions are in millimeters.	Function test: no open, no short circuit, no intermittent	Size: Part number: A 10-04171
			Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description: Cable, 1500mm, 1.0 mm 4C 50-00682 M8 socket to 1.0 mm 50-00680 M8 plug, 24 AWG, 30-01579 wire	
					Scale: 1:1

5

4

3

2

1

Sheet 1 of 1