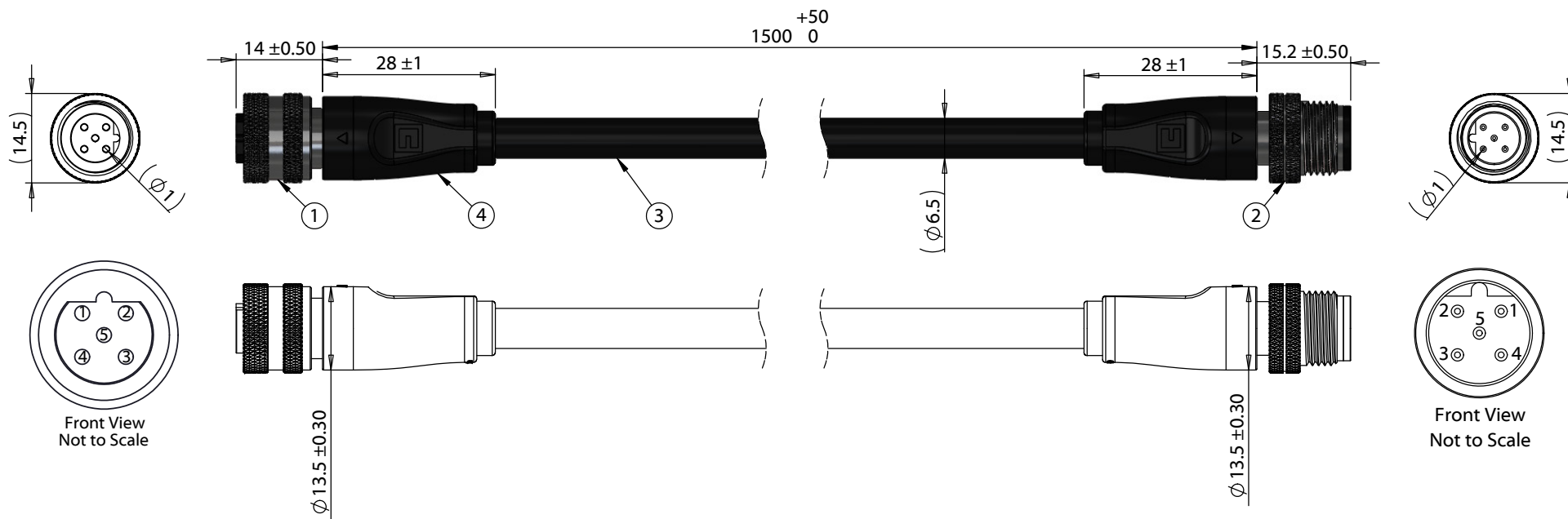


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	50-01020	Connector, 5 pin M12 B-code socket, 12xL21.5mm, gold plated, molding style, solder cup, IP67, shielded	1	
2	50-01021	Connector, 5 pin M12 B-code plug, 12xL22mm, gold plated, molding style, solder cup, IP67, shielded	1	
3	30-01586	Wire, 5C TS, 22 AWG, UL20387, 300V, 105C, 60C oil, UV, 6.5 mm, shielded, 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		
50-01020	wire color	50-01021
1	red	1
2	yellow	2
3	black	3
4	white	4
5	blue	5
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	9/18/23	Initial release	Verified:		
			Dimensions are in millimeters.	Description:	Size: A Part number: 10-05574
			Tolerances:		
			X: ± 0.5 mm	Cable, 1500mm, 1.0 mm 5C 50-01020 M12 socket to 1.0 mm 50-01021 M12 plug, 22 AWG, 30-01586 wire	Scale: 1:1 Sheet 1 of 1
			X.X: ± 0.3 mm		
			X.XX: ± 0.05 mm		

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