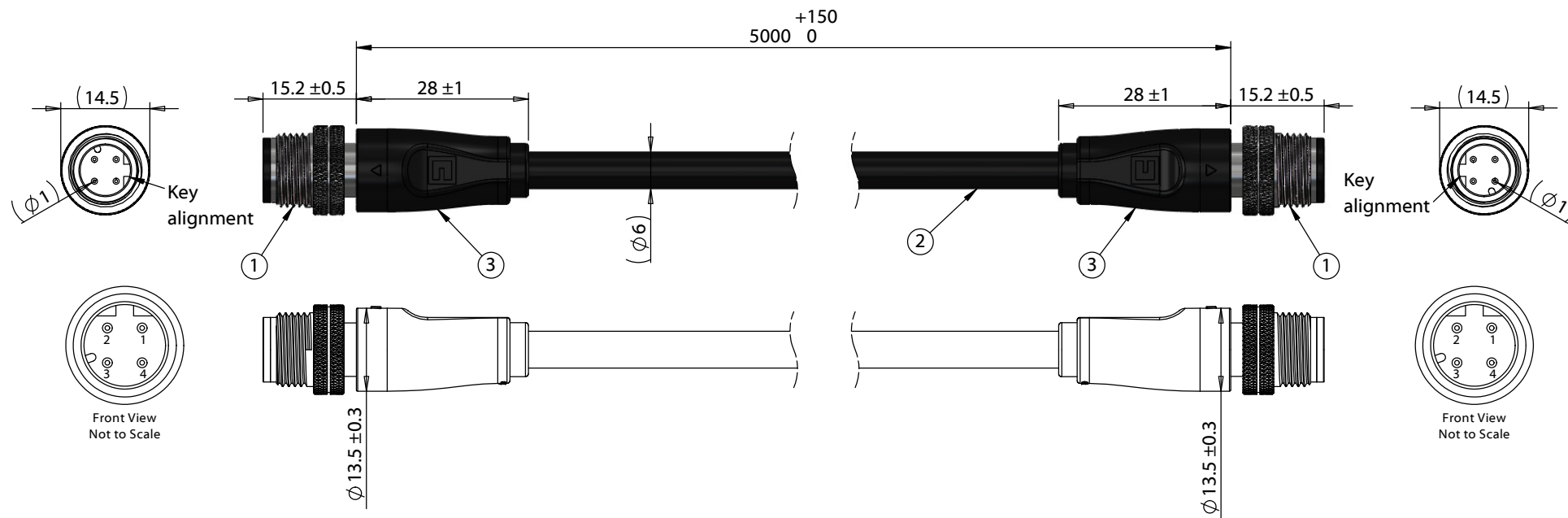


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	50-01029	Connector, 4 pin M12 D-code plug, 12xL22mm, gold plated, molding style, solder cup, IP67, shielded	2	
2	30-01578	Wire, 4C TS, 22 AWG, UL20387, 300V, 105C, 60C oil, UV, 6 mm, shielded, VW-1, PVC, 80A, black	1	
3	24-00349	Overmold, M12 plug and jack, 180°	2	PVC, black



Notes:

Cable rated for 250 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		
50-01029	wire color	50-01029
1	red	1
2	yellow	2
3	black	3
4	white	4
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	10/26/2023	Initial release	Verified:	RoHS compliant	
			Dimensions are in millimeters.	Function test: no open, no short circuit, no intermittent	
			Tolerances:	Description:	
			X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Cable, 5000mm, 1.0 mm 4C 50-01029 M12 plug D-code to same, 22 AWG, 30-01578 wire, shielded	
				Size: A	Part number: 10-05881
				Scale: 1:1	Sheet 1 of 1

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4

3

2

1