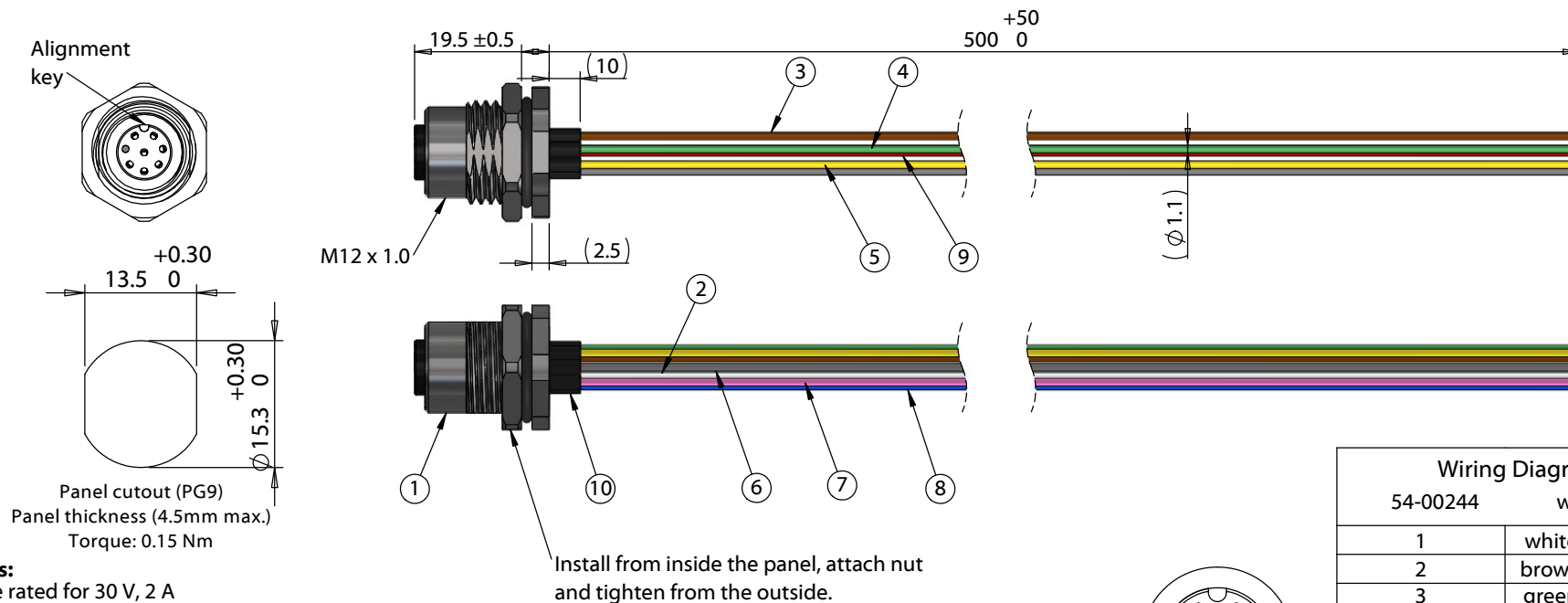


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	54-00244	Connector, M12 A-code socket, 8 pin, 12xL22.6 mm, panel mount, solder cup, gold plated, IP67	1	nut and o-ring included
2	30-01764	Wire, hook-up, TS, 24 AWG, UL 11028, 600V, 105C, 1.1 mm, mPPE, white	1	
3	30-01771	Wire, hook-up, TS, 24 AWG, UL 11028, 600V, 105C, 1.1 mm, mPPE, brown	1	
4	30-01767	Wire, hook-up, TS, 24 AWG, UL 11028, 600V, 105C, 1.1 mm, mPPE, green	1	
5	30-01765	Wire, hook-up, TS, 24 AWG, UL 11028, 600V, 105C, 1.1 mm, mPPE, yellow	1	
6	30-01770	Wire, hook-up, TS, 24 AWG, UL 11028, 600V, 105C, 1.1 mm, mPPE, gray	1	
7	30-02982	Wire, hook-up, TS, 24 AWG, UL 11028, 600V, 105C, 1.1 mm, mPPE, pink	1	
8	30-01766	Wire, hook-up, TS, 24 AWG, UL 11028, 600V, 105C, 1.1 mm, mPPE, blue	1	
9	30-01762	Wire, hook-up, TS, 24 AWG, UL 11028, 600V, 105C, 1.1 mm, mPPE, red	1	
10	32-00017	Heat shrink, 1.9 mm ID, 1.5 mm OD, EVA, 2:1 ratio, 125 °C, UL VW-1, thin wall	8	covers solder joints



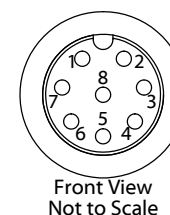
Notes:

Cable rated for 30 V, 2 A
Temperature: -40 ~ 105 °C

IP67 waterproof rating when mated with corresponding (IP67) connector and installed properly in panel

Cables individually packaged in PE bag
Functionally equivalent components may be substituted

Install from inside the panel, attach nut and tighten from the outside.



Wiring Diagram	
54-00244	wire color
1	white (30-01764)
2	brown (30-01771)
3	green (30-01767)
4	yellow (30-01765)
5	gray (30-01770)
6	pink (30-02982)
7	blue (30-01766)
8	red(30-01762)

Revision:	Date:	Description:	Prepared:	Notes:	TENSILITY tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com	
A	7/07/2025	Initial release	Verified:	RoHS compliant Function test: no open, no short circuit, no intermittent		
			Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description: Cable, 500 mm, M12 A-code socket 8 pin panel mount 54-00244 to blunt cut, 24 AWG, UL11028, hook-up wire	Size: A	Part number: 10-06309
					Scale: 1:1	Sheet 1 of 1

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