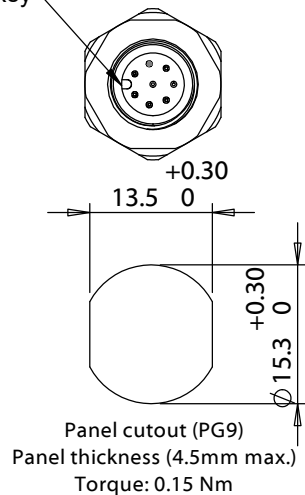


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	54-00191	Connector, M12 A-code plug, 8 pin, 12xL24 mm, panel mount, solder cup, gold plated, IP67	1	nut and o-ring included
2	30-01764	Wire, hook-up, TS, 24 AWG, UL 11028, 600V, 105C, 1.1 mm, mPPE, white	1	
3	30-01771	Wire, hook-up, TS, 24 AWG, 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

Alignment
key

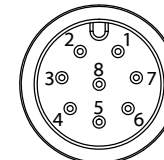
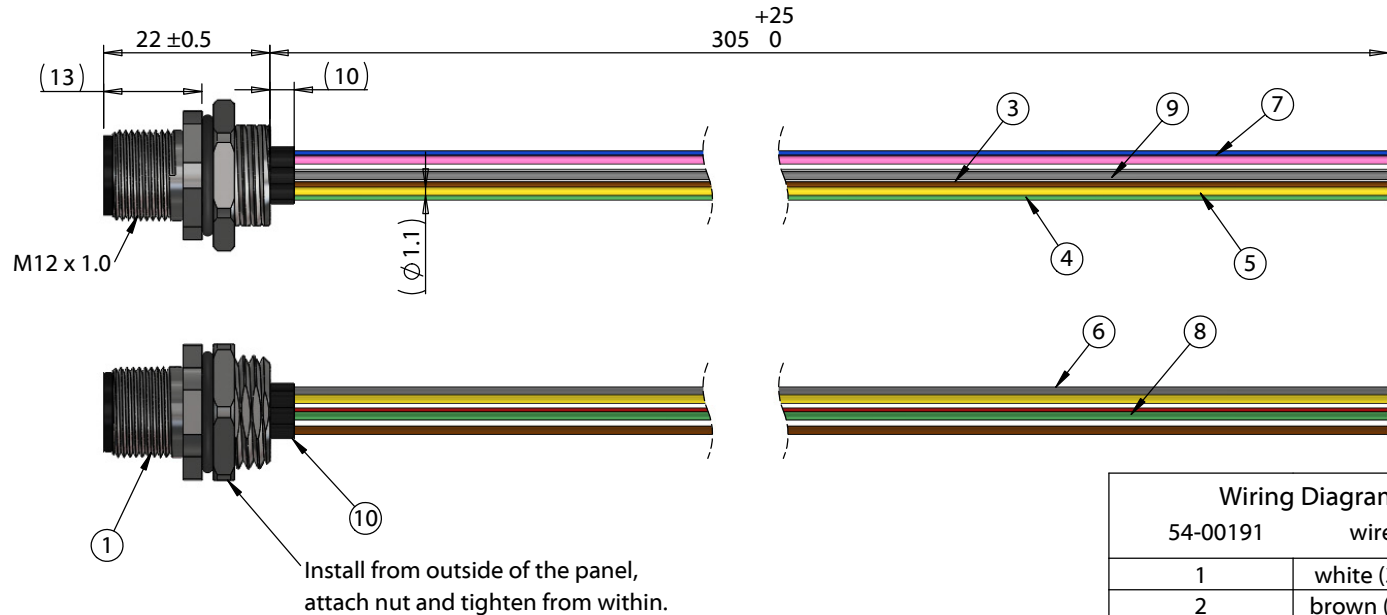


Notes:

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



Front View
Not to Scale

Wiring Diagram	
54-00191	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, 305 mm, M12 A-code plug 8 pin panel mount 54-00191 to blunt cut, 24 AWG, UL11028, hook-up wire	Size: A	Part number: 10-06287
					Scale: 1:1	Sheet 1 of 1

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3

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