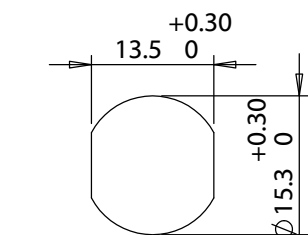
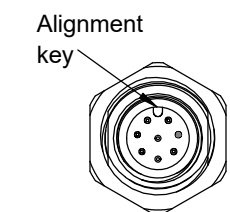


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	54-00198	Connector, M12 A-code plug, 8 pin, 12xL24 mm, panel mount, solder cup, gold plated, IP67	1	nut and o-ring included
2	30-01764	Wire, hook-up, TS, 24 AWG, UL 11028, 600V, 105C, 1.1 mm, mPPE, white	1	
3	30-01771	Wire, hook-up, TS, 24 AWG, 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



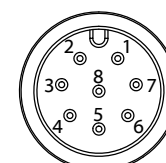
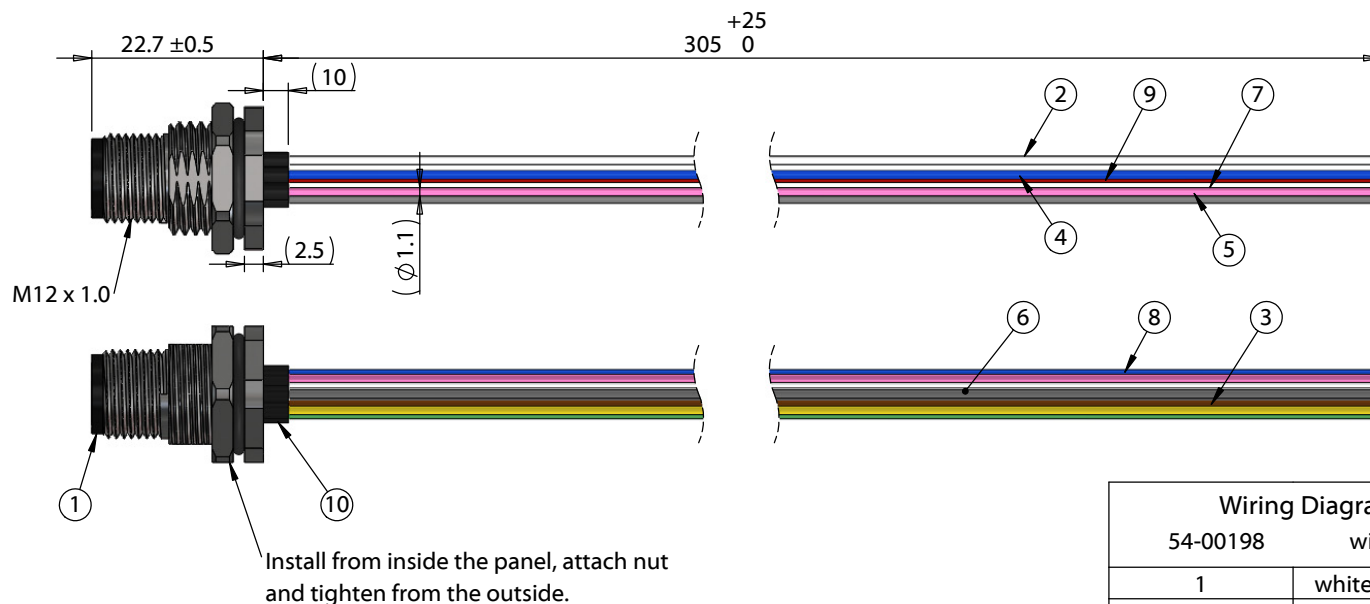
Panel cutout (PG9)
Panel thickness (4.5mm max.)
Torque: 0.15 Nm

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	
54-00198	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:			
			Dimensions are in millimeters.	Description:	Size:	Part number:
			Tolerances:		A	10-06290
			X: ± 0.5 mm	Cable, 305 mm, M12 A-code plug 8 pin panel mount 54-00198 to blunt cut, 24 AWG, UL11028, hook-up wire	Scale:	1:1
			X.X: ± 0.3 mm			
			X.XX: ± 0.05 mm			

5

4

3

2

1



Sheet 1 of 1