

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	54-00196	Connector, M12 A-code plug, 5 pin, 12xL24 mm, panel mount, solder cup, gold plated, IP67	1	nut and o-ring included
2	30-01761	Wire, hook-up, TS, 22 AWG, UL 11028, 600V, 105C, 1.3 mm, mPPE, brown	1	
3	30-01754	Wire, hook-up, TS, 22 AWG, UL 11028, 600V, 105C, 1.3 mm, mPPE, white	1	
4	30-01756	Wire, hook-up, TS, 22 AWG, UL 11028, 600V, 105C, 1.3 mm, mPPE, blue	1	
5	30-01753	Wire, hook-up, TS, 22 AWG, UL 11028, 600V, 105C, 1.3 mm, mPPE, black	1	
6	30-01760	Wire, hook-up, TS, 22 AWG, UL 11028, 600V, 105C, 1.3 mm, mPPE, gray	1	
7	32-00017	Heat shrink, 1.9 mm ID, 1.5 mm OD, EVA, 2:1 ratio, 125 °C, UL VW-1, thin wall	5	covers solder joints

Alignment key

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

M12 x 1.0

22.7 ± 0.5

10

2.5

1.3

305 +25/-0

1

2

3

4

5

6

7

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

Front View
Not to Scale

Wiring Diagram	
54-00196	wire color
1	brown (30-01761)
2	white (30-01754)
3	blue (30-01756)
4	black(30-01753)
5	gray (30-01760)

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		
			Dimensions are in millimeters.	Function test: no open, no short circuit, no intermittent		
			Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description: Cable, 305 mm, M12 A-code plug 5 pin panel mount 54-00196 to blunt cut, 22 AWG, UL11028, hook-up wire	Size: A	Part number: 10-06286
					Scale: 1:1	Sheet 1 of 1