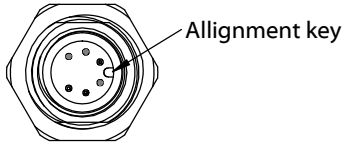
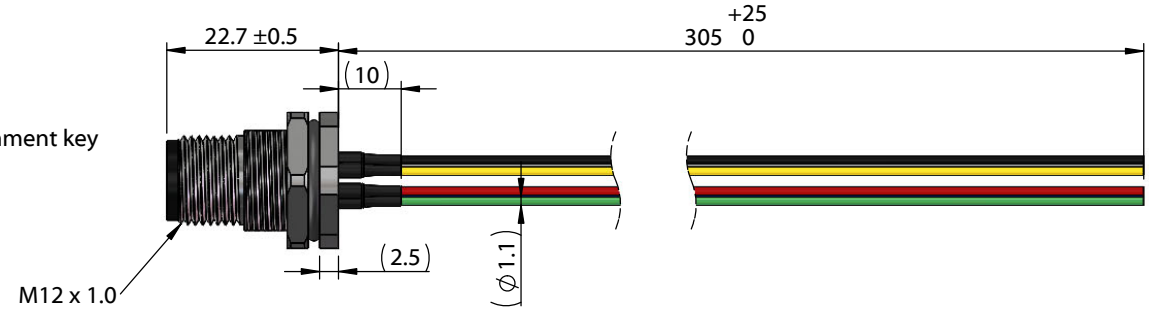
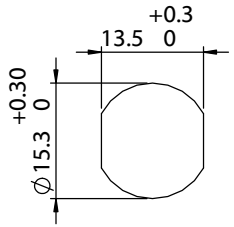
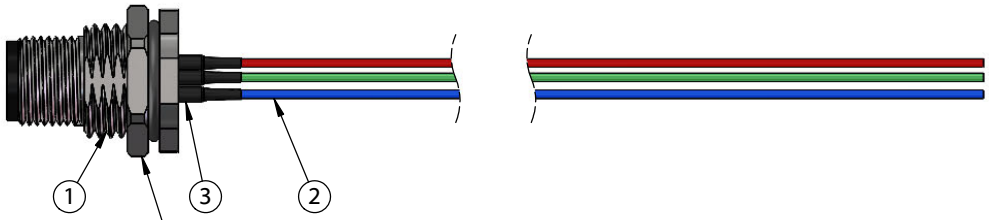
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	54-00197	Connector, 6 pin M12 A-code plug, 12xL24mm, gold plated, panel mount, solder cup, IP67	1	nut and o-ring included
2	Wire	Wire, hook-up, TS, 24 AWG, UL 11028, 600V, 105C, 1.1 mm, mPPE	6	color: red, black, white, yellow, blue, green
3	Heat shrink	Heat shrink, UL, black	6	covers solder joints







Panel cutout (PG9)
Panel thickness (5.0mm max.)

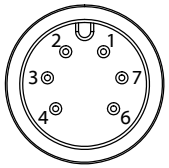


Install from inside the panel, attach nut and tighten from the outside.

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	
54-00197	wire color (P/N)
1	red (30-01762)
2	yellow (30-01765)
3	black (30-01763)
4	white (30-01764)
6	blue (30-01766)
7	green (30-01767)

Revision:	Date:	Description:
A	11/7/2022	Initial release

Prepared: PB Digitally signed by PB Date: 2022.12.01 08:47:29 -08'00'

Verified: MP Digitally signed by MP Date: 2022.12.01 10:00:59 -08'00'

Dimensions are in millimeters.
Tolerances:
X: ± 0.5 mm
X.X: ± 0.3 mm
X.XX: ± 0.05 mm

Notes:

RoHS compliant

Function test: no open, no short circuit, no intermittent

Description:
Cable, 305 mm, M12 6C plug panel mount 54-00197 to blunt cut, 24 AWG, UL 11028 hook-up wire

TENSILITY
tel 1.541.323.3228 800 877.670.7118
fax 1.541.323.4202 web tensility.com

Size: A
Part number: 10-05267
Scale: 1:1
Sheet 1 of 1

5 4 3 2 1

To see a custom version of this cable assembly, call Tensility at 541-323-3228 or email engineering@tensility.com