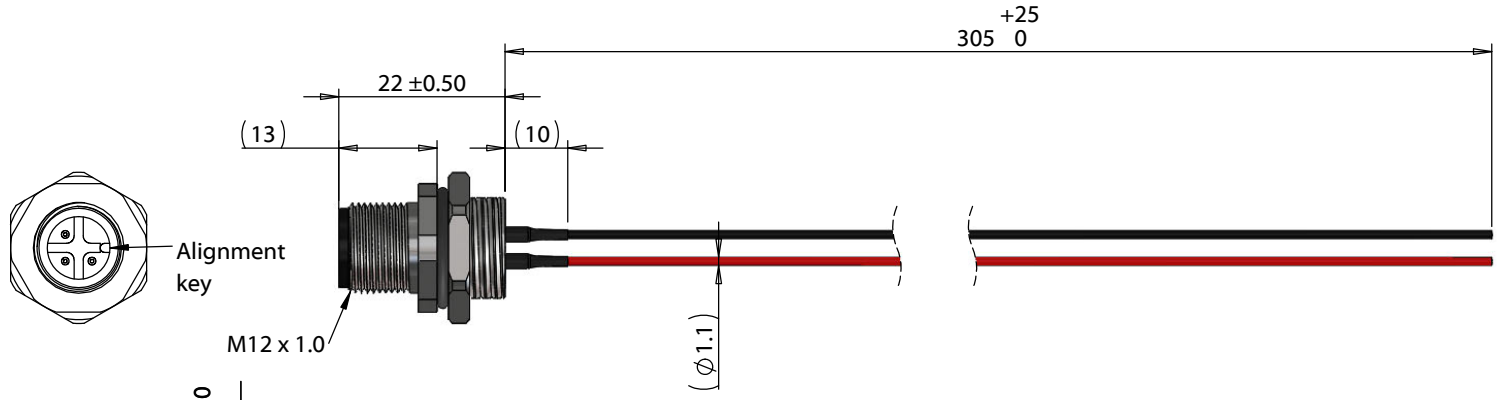
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	54-00187	Connector, 3 pin M12 A-code plug, 12xL24mm, gold plated, panel mount, solder cup, IP67	1	nut and o-ring included
2	Wire	Wire, hook-up, TS, 24 AWG, UL 11028, 600V, 105C, 1.1 mm, mPPE	3	color: red, black, white
3	Heat shrink	Heat shrink, UL, black	3	covers solder joints



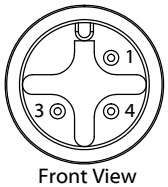
Panel cutout (PG9)
Panel thickness (4.5mm max.)

Install from outside of the panel, attach nut and tighten from within.

Notes:
Cable rated for 250 V, 4 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	
54-00187	wire color (P/N)
1	red (30-01762)
3	black (30-01763)
4	white (30-01764)

Revision:	Date:	Description:
A	4/19/2021	Initial release

Prepared: AG — Digitally signed by AG Date: 2021.04.21 13:55:47 -07'00'

Verified: AW — Digitally signed by AW Date: 2021.04.21 14:00:43 -07'00'

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 3C plug panel mount 54-00187 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: 10-04031
Scale: 1:1
Sheet 1 of 1

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

5 4 3 2 1