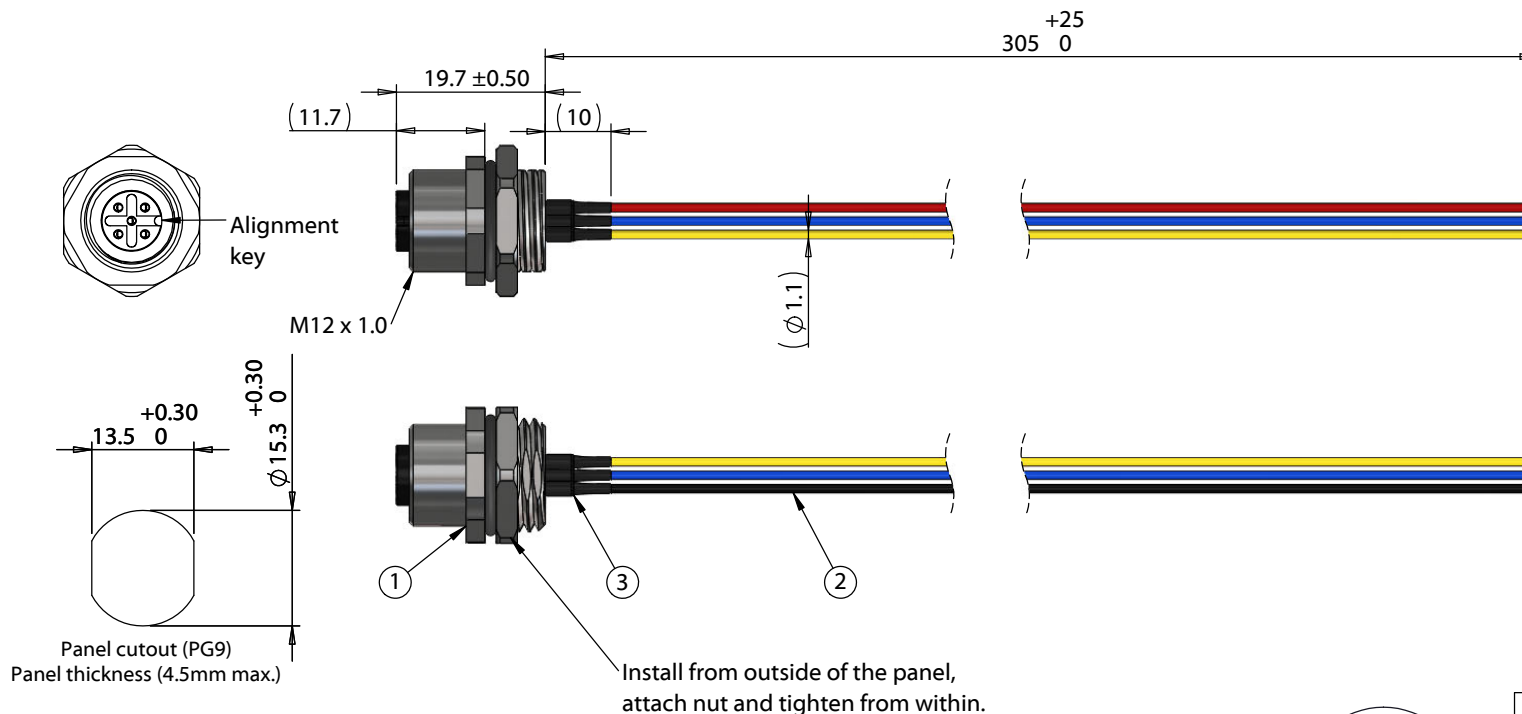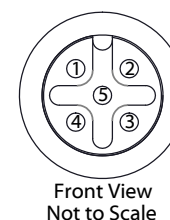| ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	54-00182	Connector, 5 pin M12 A-code socket, 12xL21.5mm, gold plated, panel mount, solder cup, IP67	1	nut and o-ring included
2	Wire	Wire, hook-up, TS, 24 AWG, UL 11028, 600V, 105C, 1.1 mm, mPPE	5	color: red, yellow, black, white, blue
3	Heat shrink	Heat shrink, UL, black	5	covers solder joints

Alignment key

M12 x 1.0

$305 \begin{smallmatrix} +25 \\ 0 \end{smallmatrix}$

19.7 ±0.50

(11.7) (10)

($\emptyset$ 1.1)

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

$13.5 \begin{smallmatrix} +0.30 \\ 0 \end{smallmatrix}$

$\emptyset 15.3 \begin{smallmatrix} +0.30 \\ 0 \end{smallmatrix}$

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

Notes:
Cable rated for 60 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	
54-00182	wire color (P/N)
1	red (30-01762)
2	yellow (30-01765)
3	black (30-01763)
4	white (30-01764)
5	blue (30-01766)

Revision:	Date:	Description:
A	4/20/2021	Initial release

Prepared:

Verified:

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 5C socket panel mount 54-00182 to blunt cut, 24 AWG, UL 11028 hook-up wire

TENSILITY

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fax 1.541.323.4202   web tensility.com

Size:	Part number:
A	10-04038
Scale: 1:1	Sheet 1 of 1

5   4   3   2   1