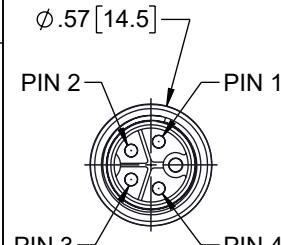


## REVISION

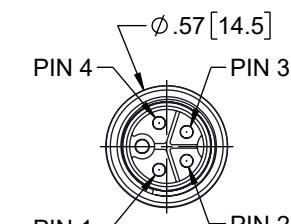
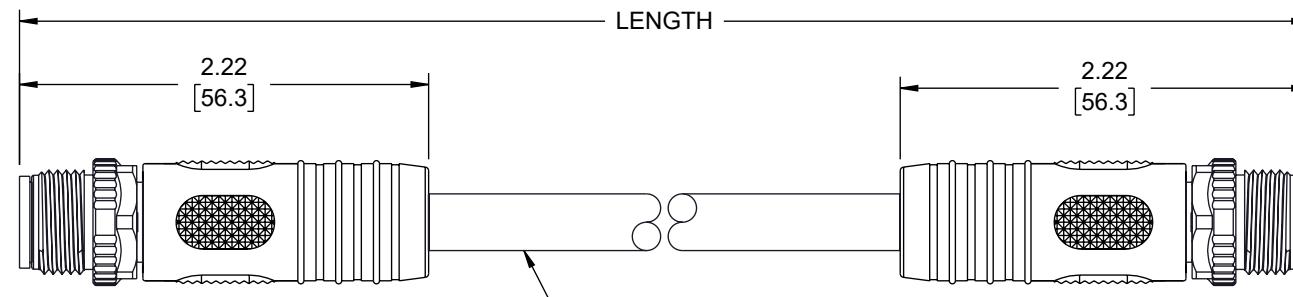
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	ECO-14083	01/07/2025	DMAY	DGUTTADAURO

F

F



**P1**  
M12 MALE CONNECTOR  
4 POSITION L-CODED



**P2**  
M12 MALE CONNECTOR  
4 POSITION L-CODED

## NOTES:

## ELECTRICAL:

- NOMINAL VOLTAGE: 300V
- OPERATING VOLTAGE: 63V DC/AC MAX.
- OPERATING CURRENT PER CONTACT: 12A MAX.

## APPLICATION:

- INGRESS PROTECTION RATING IS IP67 (MATED)
- RECOMMENDED TORQUE VALUE: 0.6Nm
- BEND RADIUS FIXED: 57.6mm MIN.
- BEND RADIUS MOBILE: 108mm MIN.
- TORSION STRESS: ±180°/meter.

## ENVIRONMENTAL:

- TEMPERATURE RANGE FIXED: -25°C TO +80°C
- TEMPERATURE RANGE MOBILE: -25°C TO +70°C
- CABLE JACKET RESISTANCE: OIL
- CABLE JACKET FLAME RATING: HB (UL 94).

## MISCELLANEOUS

- CABLE ASSEMBLY TO BE TESTED FOR CONTINUITY.
- CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED.

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P1	WIRE MAP	P2
BROWN 1	1 BROWN	
WHITE 2	2 WHITE	
BLUE 3	3 BLUE	
BLACK 4	4 BLACK	

ITEM NO	LENGTH [TOL.]	
	METERS [mm]	FEET [IN]
TRGL401-P6G-05M	0.5 [+35/-15]	1.64 [+1.38/-59]
TRGL401-P6G-1M	1 [+35/-20]	3.28 [+1.38/-79]
TRGL401-P6G-2M	2 [+35/-30]	6.56 [+1.38/-1.18]
TRGL401-P6G-3M	3 [+35/-30]	9.84 [+1.38/-1.18]
TRGL401-P6G-5M	5 [+60]	16.40 [+2.36]
TRGL401-P6G-10M	10 [+80]	32.81 [+3.15]
TRGL401-P6G-15M	15 [+80]	49.21 [+3.15]

UNLESS OTHERWISE SPECIFIED  
LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:  
X = ±.2 [5]      FRACTIONS  
XX = ±.02 [0.5]      ± 1/32  
XXX = ±.005 [0.13]      ANGLES ± 1°

CABLE LENGTH TOLERANCES:  
≤12 [305] = ±1 [25] / -0  
>12 [305] ≤ 60 [1524] = ±2 [51] / -0  
>60 [1524] ≤ 120 [3048] = ±4 [102] / -0  
>120 [3048] ≤ 300 [7620] = ±6 [152] / -0  
>300 [7620] = ±5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY  
AND SUBJECT TO CHANGE WITHOUT NOTICE  
UN-DIMENSIONED/NON-CRITICAL FEATURES  
MAY VARY IN SIZE AND LOCATION  
COLORS MAY VARY

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INTERPRET ALL DIMENSIONS AND  
TOLERANCES PER ASME Y14.5

SCALE      SHEET  
NONE      1 OF 1

DESCRIPTION  
M12 4 POSITION IP67 L-CODE CABLE ASSEMBLY, UNSHIELDED  
16AWG PUR JACKET, MALE TO MALE, BLACK

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	HBAKKE	TRGL401-P6G	B