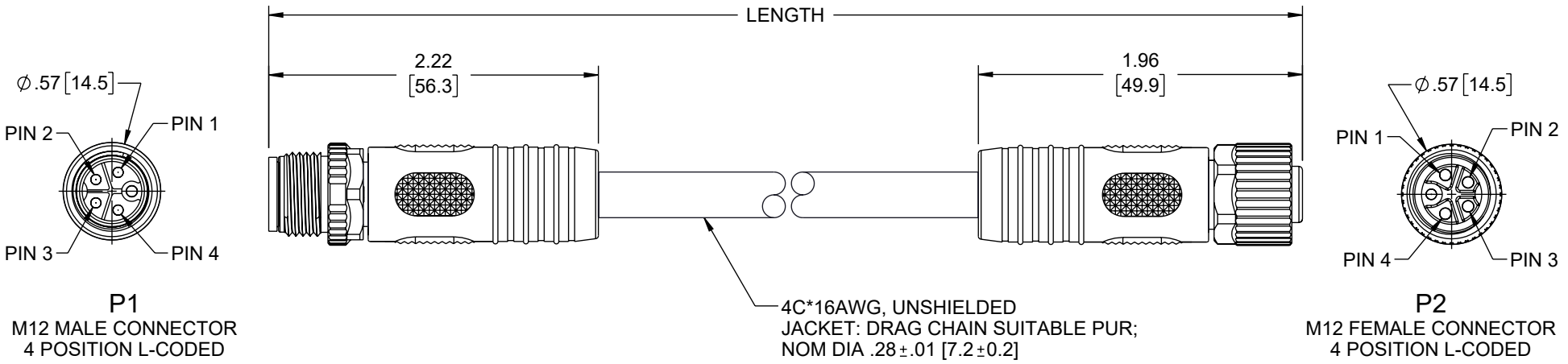
REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	ECO-14083	01/07/2025	DMAY	DGUTTADAURO



P1
M12 MALE CONNECTOR
4 POSITION L-CODED

P2
M12 FEMALE 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.

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]
TRGL402-P6G-05M	0.5 [+35/-15]	1.64 [+1.38/-.59]
TRGL402-P6G-1M	1 [+35/-20]	3.28 [+1.38/-.79]
TRGL402-P6G-2M	2 [+35/-30]	6.56 [+1.38/-1.18]
TRGL402-P6G-3M	3 [+35/-30]	9.84 [+1.38/-1.18]
TRGL402-P6G-5M	5 [±60]	16.40 [±2.36]
TRGL402-P6G-10M	10 [±80]	32.81 [±3.15]
TRGL402-P6G-15M	15 [±80]	49.21 [±3.15]

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

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

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	HBAKKE	TRGL402-P6G	B

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