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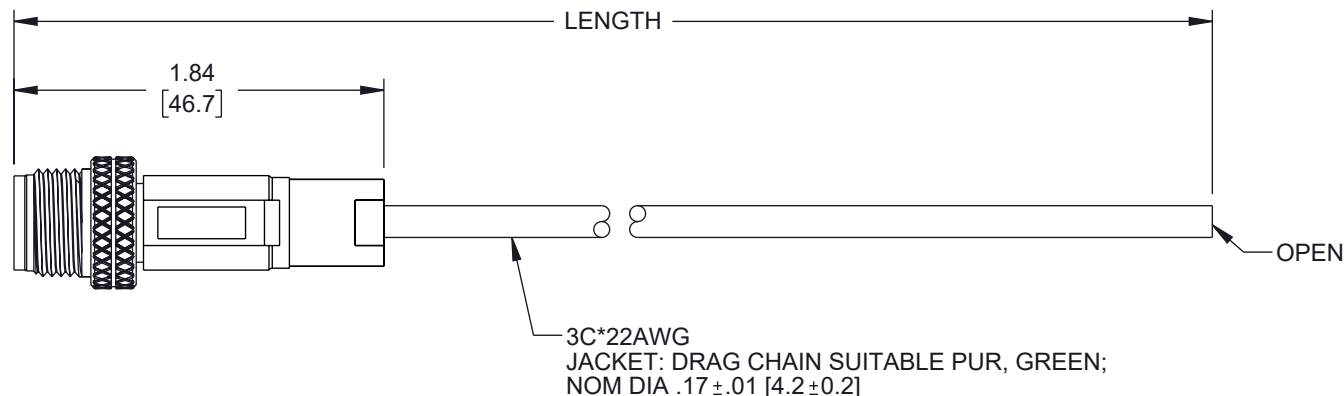
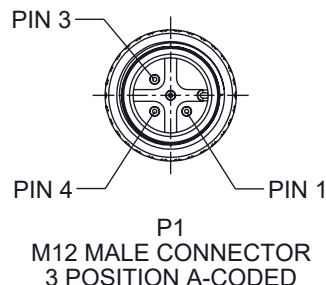
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## REVISION

| ZONE | REV | DESCRIPTION           | DATE       | CHANGED BY | APPROVED   |
|------|-----|-----------------------|------------|------------|------------|
|      | B   | UPDATED PER ECO-14008 | 11/14/2024 | HBAKKE     | GUTTADAURO |



## NOTES:

## ELECTRICAL:

- NOMINAL VOLTAGE: 300V
- OPERATING VOLTAGE: 60VDC
- OPERATING CURRENT PER CONTACT: 0.5A MAX.

## APPLICATION:

- INGRESS PROTECTION RATING IS IP67 (MATED)
- RECOMMENDED TORQUE VALUE: 0.6Nm
- BEND RADIUS FIXED: 33.6mm
- BEND RADIUS MOBILE: 63mm
- 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 | OPEN  |
|----|----------|-------|
| 1  |          | BROWN |
| 3  |          | BLUE  |
| 4  |          | BLACK |

| ITEM NO         | LENGTH [TOL.] |                    |
|-----------------|---------------|--------------------|
|                 | METERS [mm]   | FEET [IN]          |
| TRGA304-P2N-05M | 0.5 [+35/-15] | 1.64 [+1.38/- .59] |
| TRGA304-P2N-1M  | 1 [+35/-20]   | 3.28 [+1.38/- .79] |
| TRGA304-P2N-2M  | 2 [+35/-30]   | 6.56 [+1.38/-1.18] |
| TRGA304-P2N-3M  | 3 [+35/-30]   | 9.84 [+1.38/-1.18] |
| TRGA304-P2N-5M  | 5 [±60]       | 16.40 [±2.36]      |
| TRGA304-P2N-10M | 10 [±80]      | 32.81 [±3.15]      |
| TRGA304-P2N-15M | 15 [±80]      | 49.21 [±3.15]      |

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

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

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 NONE SHEET 1 OF 1

| DESCRIPTION                            |           |          |             |     |
|----------------------------------------|-----------|----------|-------------|-----|
| M12 3 POLE A CODE, 22AWG, PUR, MO, GRN |           |          |             |     |
| SIZE                                   | CAGE CODE | DRAWN BY | ITEM NO.    | REV |
| A                                      | 43321     | DZINN    | TRGA304-P2N | B   |