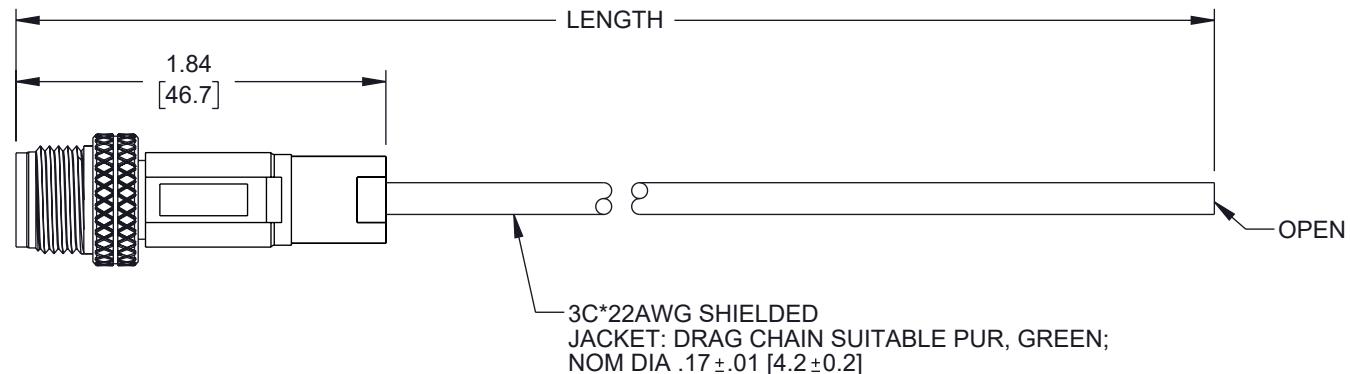
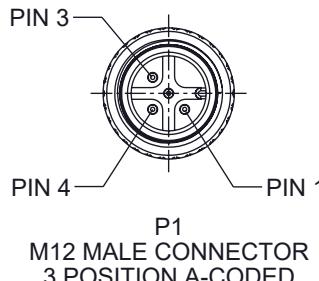


## REVISION

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

F

F



## 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.

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P1	WIRE MAP	OPEN
1	1 BROWN	
3	3 BLUE	
4	4 BLACK	
S	S	

ITEM NO	LENGTH [TOL.]	
	METERS [mm]	FEET [IN]
TRGA304S-P2N-05M	0.5 [+35/-15]	1.64 [+1.38/-0.59]
TRGA304S-P2N-1M	1 [+35/-20]	3.28 [+1.38/-0.79]
TRGA304S-P2N-2M	2 [+35/-30]	6.56 [+1.38/-1.18]
TRGA304S-P2N-3M	3 [+35/-30]	9.84 [+1.38/-1.18]
TRGA304S-P2N-5M	5 [±60]	16.40 [±2.36]
TRGA304S-P2N-10M	10 [±80]	32.81 [±3.15]
TRGA304S-P2N-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 3 POLE A CODE, 22AWG, SHD PUR, MO, GRN

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	DZINN	TRGA304S-P2N	B