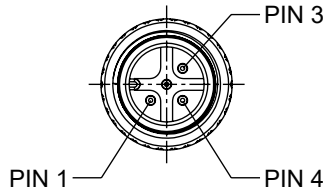
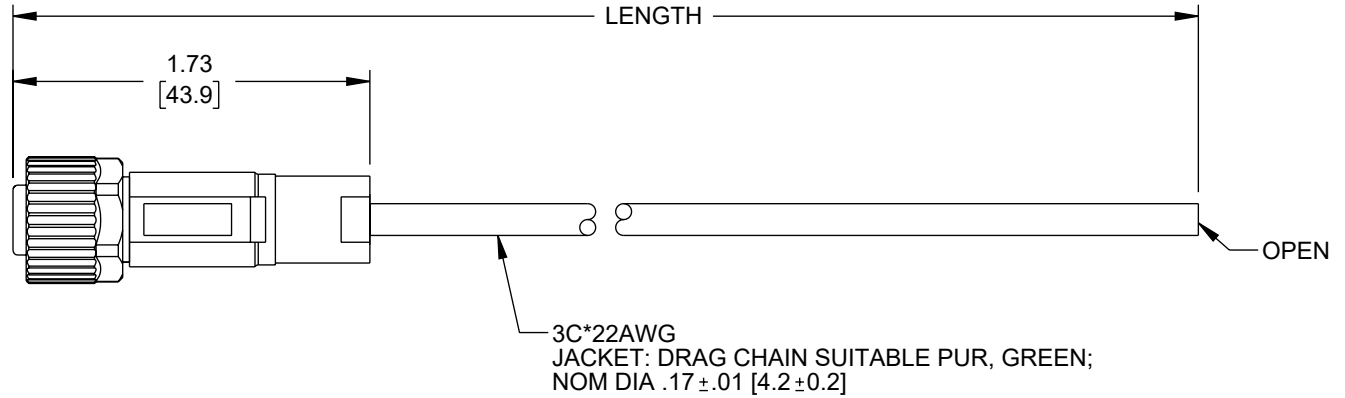


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REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	08/07/2023	DZINN	GUTTADAURO



**P1**  
M12 FEMALE CONNECTOR  
3 POSITION A-CODED



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

**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.


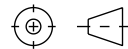
**ENVIRONMENTAL:**

- 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.

ITEM NO	LENGTH [TOL.]	
	METERS [mm]	FEET [IN]
TRGA305S-P2N-05M	0.5 [+35/-15]	1.64 [+1.38/- .59]
TRGA305S-P2N-1M	1 [+35/-20]	3.28 [+1.38/- .79]
TRGA305S-P2N-2M	2 [+35/-30]	6.56 [+1.38/-1.18]
TRGA305S-P2N-3M	3 [+35/-30]	9.84 [+1.38/-1.18]
TRGA305S-P2N-5M	5 [±60]	16.40 [±2.36]
TRGA305S-P2N-10M	10 [±80]	32.81 [±3.15]
TRGA305S-P2N-15M	15 [±80]	49.21 [±3.15]

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm] OVERALL CABLE LENGTH TOLERANCE: ≤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 OTHER DIMENSIONAL TOLERANCES: .X = ± .2 [5]   FRACTIONS ± 1/32 .XX = ± .02 [ .5]   ANGLES ± 1° .XXX = ± .005 [ .13]	APPROVALS	DATE	 50 High Street, West Mill, North Andover, MA 01845 USA. Phone: 1.800.341.5266 1.978.682.6936				
	DRAWN BY DZINN	08/07/2023					
CHECKED BY DFRISIELLO	08/07/2023	CATEGORY TELECOM/MODULAR					
APPROVED BY GUTTADAURO	08/07/2023	PRODUCT DESCRIPTION M12 3 POLE A CODE, 22AWG, PUR, FO, GRN					
THIRD-ANGLE PROJECTION 	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY	COLOR VARIATIONS MAY OCCUR	<table border="1"> <tr> <td>SIZE A</td> <td>CAGE CODE 43321</td> <td>ITEM NO. TRGA305-P2N</td> <td>REV. A</td> </tr> </table>	SIZE A	CAGE CODE 43321	ITEM NO. TRGA305-P2N	REV. A
SIZE A	CAGE CODE 43321	ITEM NO. TRGA305-P2N	REV. A				
SCALE: NONE		CAD FILE: TRGA305-P2N.SLDDRW					