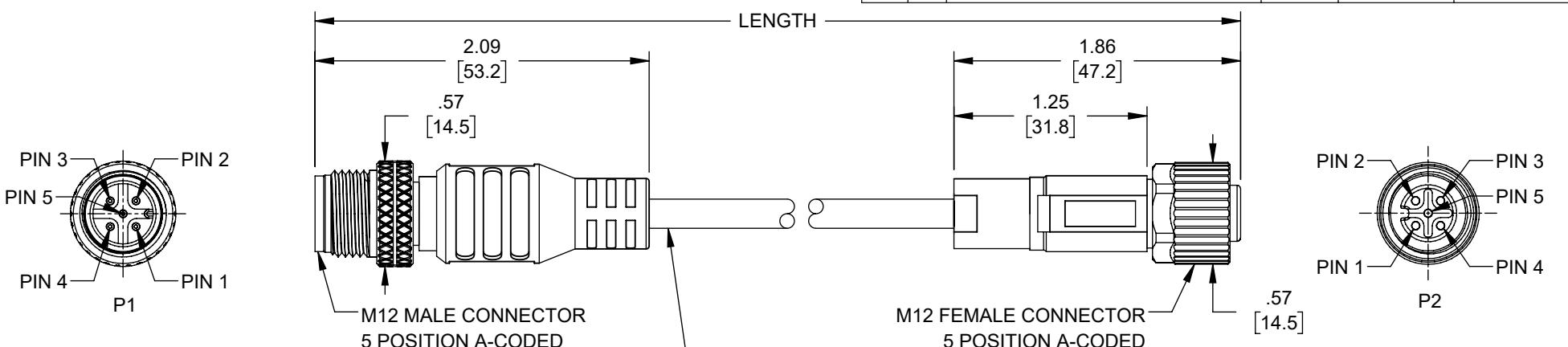
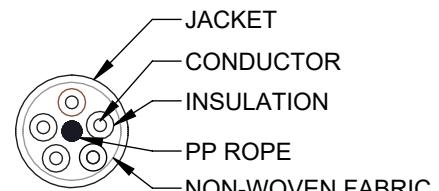


REVISION		DESCRIPTION	DATE	CHANGED BY	APPROVED
ZONE	REV	ECO-15015	10/03/2025	DMAY	DGUTTADAURO



5C\*22AWG, UNSHELDED  
JACKET: DRAG CHAIN SUITABLE PUR;  
NOM DIA .189±.01 [4.8±0.2]  
COLOR: GREEN



#### NOTES:

##### ELECTRICAL:

- NOMINAL VOLTAGE: 300 V.
- OPERATING VOLTAGE: 60 V DC/AC MAX.
- OPERATING CURRENT PER CONTACT: 4 A MAX.

##### APPLICATION:

- INGRESS PROTECTION RATING IS IP67 (MATED)
- RECOMMENDED TORQUE VALUE: 0.6 Nm
- BEND RADIUS FIXED: 38.4 mm MIN.
- BEND RADIUS MOBILE: 72 mm MIN.

##### 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.

##### REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENTLY RELEASED VERSION).

P1	WIRE MAP	P2
BROWN 1		1 BROWN
WHITE 2		2 WHITE
BLUE 3		3 BLUE
BLACK 4		4 BLACK
GRAY 5		5 GRAY

ITEM NO	LENGTH [TOL.]	
	METERS [mm]	FEET [IN]
TRGA502-P2N-05M	0.5 [+35/-15]	1.64 [+1.38/-0.59]
TRGA502-P2N-1M	1 [+35/-20]	3.28 [+1.38/-0.79]
TRGA502-P2N-2M	2 [+35/-30]	6.56 [+1.38/-1.18]
TRGA502-P2N-3M	3 [+35/-30]	9.84 [+1.38/-1.18]
TRGA502-P2N-5M	5 [+60]	16.40 [+2.36]
TRGA502-P2N-10M	10 [+80]	32.81 [+3.15]
TRGA502-P2N-15M	15 [+80]	49.21 [+3.15]

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

TOLERANCES:  
 $X = \pm .2$  [5]      FRACTIONS  
 $XX = \pm .02$  [0.5]       $\pm 1/32$   
 $XXX = \pm .005$  [0.13]      ANGLES  $\pm 1^\circ$

CABLE LENGTH TOLERANCES:  
 $\leq 12$  [305]  $\leq 60$  [1524]  $= \pm 1$  [25] / -0  
 $> 12$  [305]  $\leq 60$  [1524]  $= \pm 2$  [51] / -0  
 $> 60$  [1524]  $\leq 120$  [3048]  $= \pm 4$  [102] / -0  
 $> 120$  [3048]  $\leq 300$  [7620]  $= \pm 6$  [152] / -0  
 $> 300$  [7620]  $= \pm 5\%$  / -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: IP67 WATERPROOF M12 5 POSITION A-CODE SENSOR  
ACTUATOR SIGNAL CABLE, INDUSTRIAL DRAG CHAIN PUR,  
22AWG, MALE TO FEMALE, GREEN

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	KGLEBOVA	TRGA502-P2N	B