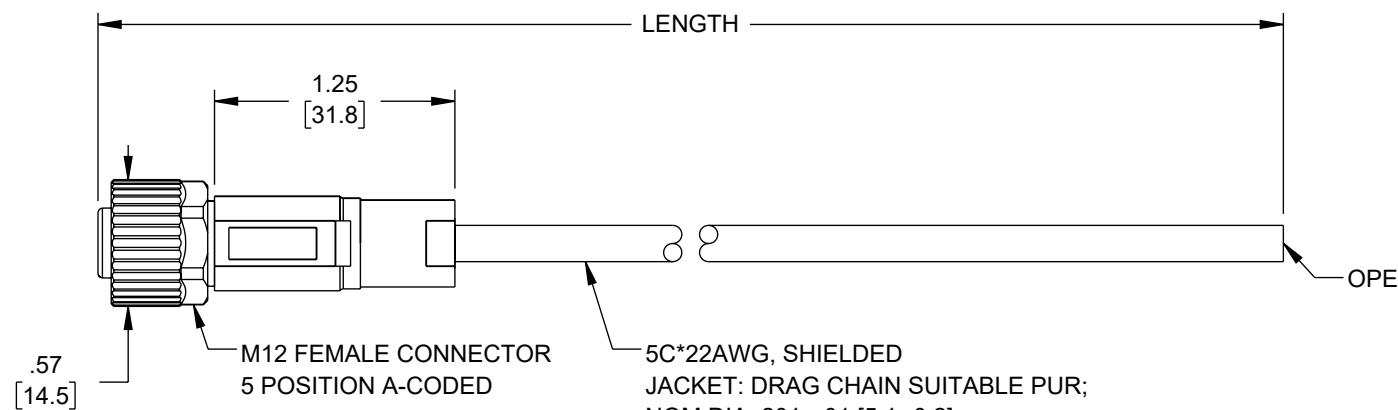
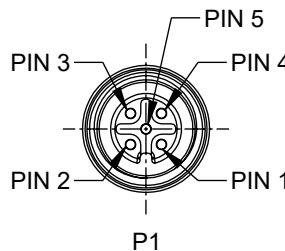


REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	UPDATED PER ECO-13673	06/25/2024	HBAKKE	DGUST



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: 40.8 mm MIN.
- BEND RADIUS MOBILE: 76.5 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).

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

ITEM NO	LENGTH [TOL.]	
	METERS [mm]	FEET [IN]
TRGA505S-P2N-05M	0.5 [+35/-15]	1.64 [+1.38/-0.59]
TRGA505S-P2N-1M	1 [+35/-20]	3.28 [+1.38/-0.79]
TRGA505S-P2N-2M	2 [+35/-30]	6.56 [+1.38/-1.18]
TRGA505S-P2N-3M	3 [+35/-30]	9.84 [+1.38/-1.18]
TRGA505S-P2N-5M	5 [+60]	16.40 [+2.36]
TRGA505S-P2N-10M	10 [+80]	32.81 [+3.15]
TRGA505S-P2N-15M	15 [+80]	49.21 [+3.15]

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

TOLERANCES:
 $X = \pm 0.2 [5]$ FRACTIONS
 $XX = \pm 0.02 [0.5]$ $\pm 1/32$
 $XXX = \pm .005 [0.13]$ ANGLES $\pm 1^\circ$

CABLE LENGTH TOLERANCES:
 $\leq 12 [305] = \pm 1 [25] / -0$
 $> 12 [305] \leq 60 [1524] = \pm 2 [51] / -0$
 $> 60 [1524] \leq 120 [3048] = \pm 4 [102] / -0$
 $> 120 [3048] \leq 300 [7620] = \pm 6 [152] / -0$
 $> 300 [7620] = \pm 5\% / -0$

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: M12 5 POLE A CODE, 22AWG, SHD PUR, FO, GRN

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	KGLEBOVA	TRGA505S-P2N	B