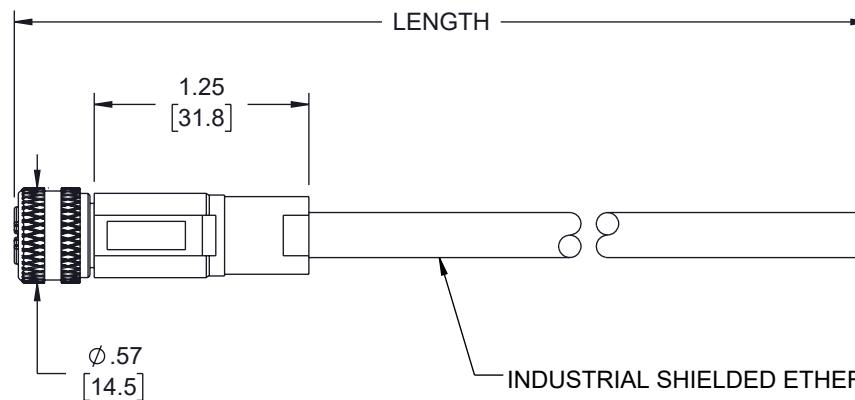
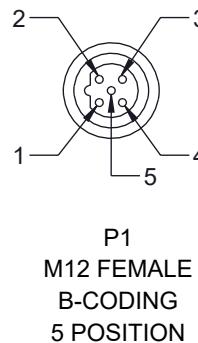


REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	01/15/2025	HBAKKE	GUTTADAURO



NOTES:

1. CABLE CHARACTERISTICS:
OPERATING VOLTAGE: 250V AC/DC
CONTACT RESISTANCE: 30mΩ MAX
OPERATING CURRENT PER CONTACT: 4A MAX
BENDING RADIUS (MOBILE): 120mm MIN
BENDING RADIUS (FIXED): 80mm MIN
TORSION SUPPORTED
TEMPERATURE RANGE (MOBILE): -25°C TO +70°C
TEMPERATURE RANGE (FIXED): -25°C TO +80°C
DRAGCHAIN CAPABLE: 5,000,000 TIMES
2. CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
3. CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED.

REGULATORY COMPLIANCE:
EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION).

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CONNECTION
DIAGRAM

P1	OPEN
1	
2	— GREEN
3	
4	— RED
5	
S	— S

ITEM NUMBER	LENGTH [TOL.]	
	METERS [mm]	FEET [IN]
TRGB505-P3P-1M	1.0 [+35/-20]	3.28 [+1.38/- .79]
TRGB505-P3P-5M	5.0 [±60]	16.40 [±2.36]

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

TOLERANCES:
X = ±.2 [5]
XX = ±.02 [0.5]
XXX = ±.005 [0.13]
FRACTIONS
± 1/32
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
IP68 M12 5 POSITION B-CODE FEMALE TO OPEN, INDUSTRIAL
DRAG CHAIN PUR, 23AWG, PURPLE

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	HBAKKE	TRGB505-P3P	A