

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

F

F

E

E

D

D

C

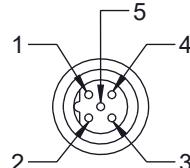
C

B

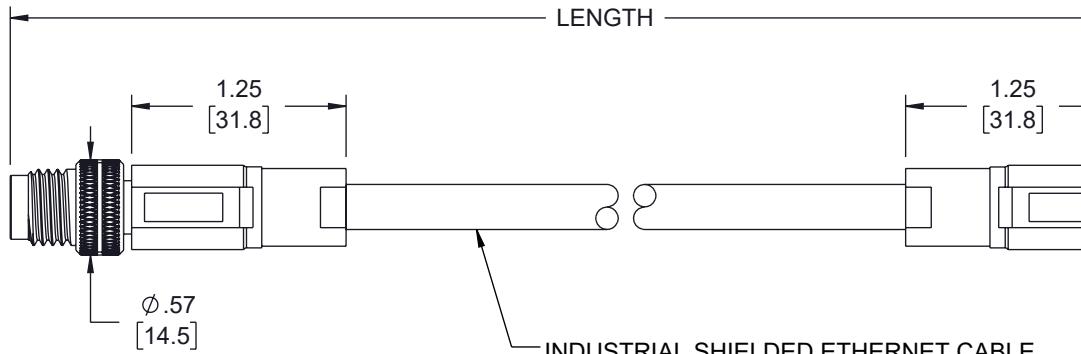
B

A

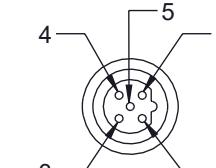
A



P1
M12 MALE
B-CODING
5 POSITION



INDUSTRIAL SHIELDED ETHERNET CABLE
2C*23AWG(19/0.135±0.008BC)+MYLAR+PVC+AL+B(128/0.10TC)
OD: Ø8.0±0.2mm, JACKET: PUR, PURPLE



P2
M12 FEMALE
B-CODING
5 POSITION

CONNECTION
DIAGRAM

P1	P2
1	1
2	2 GREEN
3	3
4	4 RED
5	5
S	S

ITEM NUMBER	LENGTH [TOL.]	
	METERS [mm]	FEET [IN]
TRGB502-P3P-1M	1.0 [+35/-20]	3.28 [+1.38/-0.79]
TRGB502-P3P-5M	5.0 [±60]	16.40 [±2.36]

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
IP68 M12 5 POSITION B-CODE MALE TO FEMALE, INDUSTRIAL
DRAG CHAIN PUR, 23AWG, PURPLE

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	HBAKKE	TRGB502-P3P	A

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