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## REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	11/21/2024	HBAKKE	GUTTADAURO

F

E

D

C

B

A

F

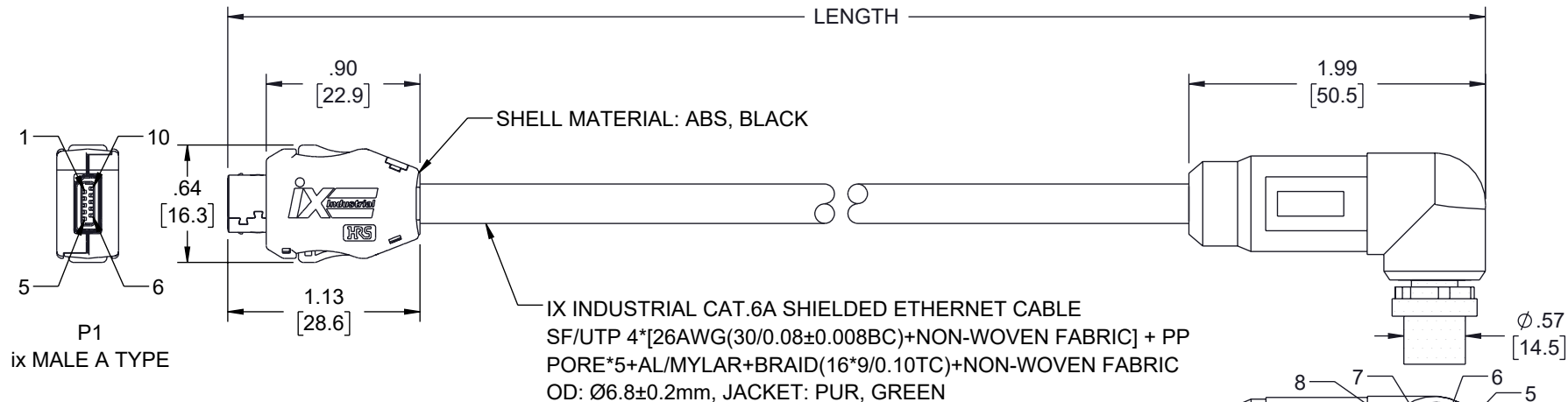
E

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CONNECTION  
DIAGRAM

P1	P2
1	1 WHITE/ORANGE
2	2 ORANGE
4	8 BLUE
5	7 WHITE/BLUE
6	3 WHITE/GREEN
7	4 GREEN
9	5 WHITE/BROWN
10	6 BROWN
S	S SHIELDED

## NOTES:

- CABLE CHARACTERISTICS:  
OPERATING VOLTAGE: 60VDC MAX  
NOMINAL VOLTAGE: 300V  
CONTACT RESISTANCE: 30mΩ MAX  
CURRENT RATING: 1.5A  
BENDING RADIUS (MOBILE): 102mm MIN  
BENDING RADIUS (FIXED): 68mm MIN  
TORSION SUPPORTED  
TEMPERATURE RANGE (MOBILE): -25°C TO +70°C  
TEMPERATURE RANGE (FIXED): -25°C TO +80°C  
DRAGCHAIN CAPABLE: YES
- CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
- CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED.

## REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION).

P2  
M12 MALE, RIGHT ANGLE  
X-CODING  
BODY COLOR: BLACK

ITEM NUMBER	LENGTH [TOL.]	
	FEET [IN]	METERS [mm]
TRGIX621PU-GRN-3F	3.0 [+1.38/- .59]	0.91 [+35/-15]
TRGIX621PU-GRN-10F	10.0 [+1.38/-1.18]	3.05 [+35/-30]

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  
ix INDUSTRIAL CATEGORY 6a ETHERNET CABLE, ix A KEY TO  
RIGHT ANGLE M12 X-CODE MALE, 26AWG DOUBLE SHIELDED,  
DRAG CHAIN VW-1 FT2 PUR GREEN

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	HBAKKE	TRGIX621PU-GRN	A

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[TRGIX621PU-GRN-3F](#) [TRGIX621PU-GRN-10F](#)