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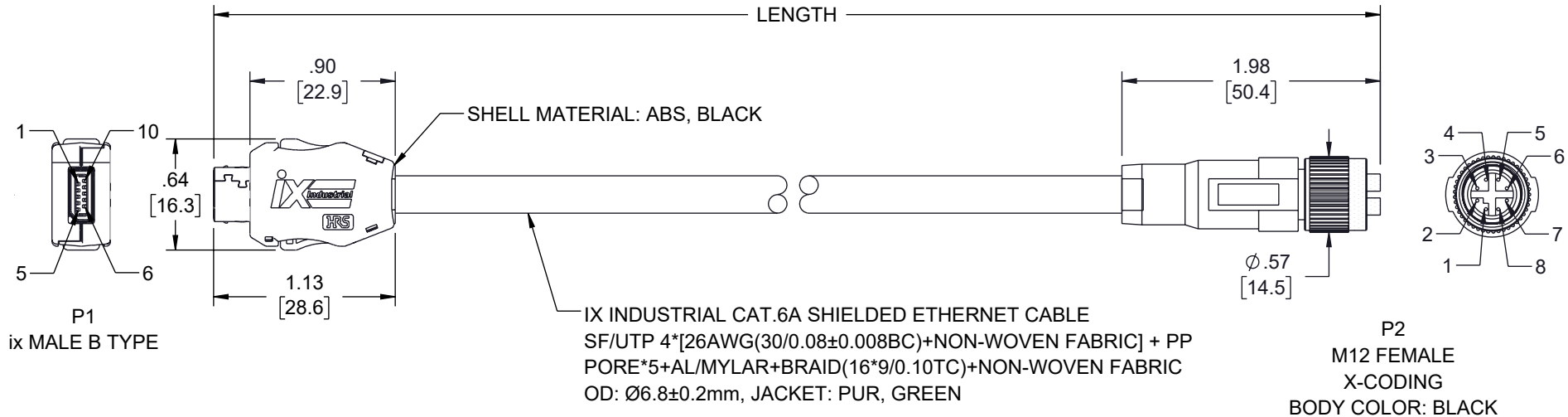
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REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	11/21/2024	HBAKKE	GUTTADAURO

F

F



P1  
ix MALE B TYPE

IX INDUSTRIAL CAT.6A SHIELDED ETHERNET CABLE  
SF/UTP 4\*[26AWG(30/0.08±0.008BC)+NON-WOVEN FABRIC] + PP  
PORE\*5+AL/MYLAR+BRAID(16\*9/0.10TC)+NON-WOVEN FABRIC  
OD: Ø6.8±0.2mm, JACKET: PUR, GREEN

P2  
M12 FEMALE  
X-CODING  
BODY COLOR: BLACK

#### 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).

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ITEM NUMBER	LENGTH [TOL.]	
	FEET [IN]	METERS [mm]
TRGIX624PU-GRN-3F	3.0 [+1.38/- .59]	0.91 [+35/-15]
TRGIX624PU-GRN-10F	10.0 [+1.38/-1.18]	3.05 [+35/-30]

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

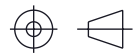
TOLERANCES:  
X = ±.2 [5]      FRACTIONS  
.XX = ±.02 [0.5]      ± 1/32  
.XXX = ±.005 [0.13]      ANGLES ± 1°

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 SERIAL CABLE, ix B KEY TO M12  
X-CODE FEMALE, 26AWG DOUBLE SHIELDED, DRAG CHAIN VW-  
1 FT2 PUR JACKET, GREEN

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	HBAKKE	TRGIX624PU-GRN	A

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