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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

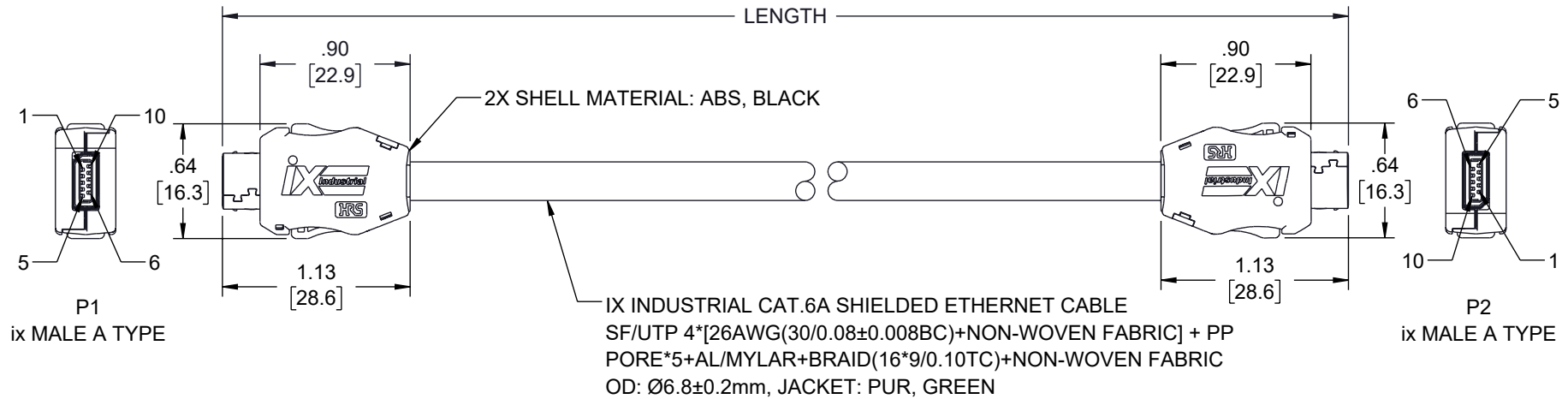
E

D

C

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CONNECTION
DIAGRAM

P1	P2
1	1 WHITE/ORANGE
2	2 ORANGE
4	4 BLUE
5	5 WHITE/BLUE
6	6 WHITE/GREEN
7	7 GREEN
9	9 WHITE/BROWN
10	10 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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UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:

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

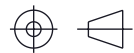
CABLE LENGTH TOLERANCES:

≤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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Phone: 1.888.519.9505



INTERPRET ALL DIMENSIONS AND
TOLERANCES PER ASME Y14.5

SCALE NONE	SHEET 1 OF 1
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DESCRIPTION
ix INDUSTRIAL CATEGORY 6a ETHERNET CABLE, ix A KEY TO ix
A KEY, 26AWG DOUBLE SHIELDED, HIGH FLEX DRAG CHAIN
VW-1 FT2 PUR JACKET, GREEN

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3SVT8	HBAKKE	IX601PU-GRN	A