



LENGTH	TOLERANCE
<2M	+5CM/-0CM
2 TO 5M	+10CM/-0CM
>5M	+15CM/-0CM

REF DES	DESCRIPTION
P1	HIROSE IX INDUSTRIAL (OR OTHER IEC 61076-3-124) CONNECTOR, FEMALE, TYPE B

PAIR	P1	SIGNAL	COLOR	NOTES
0	1	A	YELLOW	
	2	B	BLUE	
N/A	3	I (REF)	WHITE	
1	4	C	ORANGE	
	5	D	PURPLE	
2	6	E	GRAY	
	7	F	RED	
N/A	8	J (AUX)	BLACK	
3	9	G	BROWN	
	10	H	GREEN	
N/A	SHELL	CHSGND	SHIELD/DRAIN	SHORTED IN CABLE TO PAIR AND OUTER SHIELDS

ITEM	CONSTRUCTION	CONDUCTORS	INSULATION	JACKET
2	4 SHIELDED TWISTED PAIRS, 2 UNSHIELDED STRAIGHT, WITH OVERALL SHIELD	24 AWG TINNED STRANDED COPPER (41/0.08MM, 0.60MM OD)	0.23MM THICK SRPVC, 0.6MM OD	0.60MM THICK PVC, 7.00MM OD

² PRODUCT AND COMPANY NAMES MENTIONED ARE TRADEMARKS OR TRADE NAMES OF THEIR RESPECTIVE COMPANIES.
1. REFER TO PRODUCT MANUAL ON NI.COM FOR MORE DETAILS.
NOTES: UNLESS OTHERWISE SPECIFIED.

METRIC

CUSTOMER DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS AND [INCHES]		NI.COM AUSTIN, TEXAS	
DO NOT SCALE DRAWING THIRD ANGLE PROJECTION		TITLE IXBF TO PIGTAIL DIFF	
		SIZE CODE IDENT NO. MM/DD/YYYY D 7U296 08/22/2023	
SCALE: 1/1	SHEET 1 OF 1		