



WIRE LIST				
P1	P2 (DSUB)	SIGNAL	COND.	COLOR
1	4	A	C0	BLACK
2	5	B	C1	BROWN
3	NC	I (REF)	C2	RED
4	3	C	C3	ORANGE
5	7	D	C4	YELLOW
6	2	E	C5	GREEN
7	6	F	C6	BLUE
8	1	J (AUX)	C7	PURPLE
9	8	G	C8	GRAY
10	9	H	C9	WHITE
SHELL	SHELL	CHSGND	OUTER SHIELD	SHIELD/DRAIN

TABLE 1	
LENGTH	TOLERANCE
<2M	+5CM/-0CM
2 TO 5M	+10CM/-0CM
>5M	+15CM/-0CM

CONNECTORS AND HARDWARE ²	
REF DES	DESCRIPTION
P1	HIROSE IX INDUSTRIAL CONNECTOR, FEMALE, TYPE B OR EQUIVALENT
P2	9-POSITION DSUB, FEMALE
2	#4-40 UNC THUMBSCREWS, METAL, SLOTTED AND KNURLED

CABLE DETAILS				
REF DES	CONSTRUCTION	CONDUCTORS	INSULATION	JACKET
1	10 STRAIGHT UNSHIELDED, WITH OVERALL SHIELD	24 AWG TINNED STRANDED COPPER (7/0.20MM)	0.23MM THICK SRPVC, 1.10MM OD	0.76MM THICK PVC, 6.90MM OD

METRIC

CUSTOMER DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS AND [INCHES]		NI.COM AUSTIN, TEXAS	
DO NOT SCALE DRAWING THIRD ANGLE PROJECTION		TITLE SHDB9F-IXBF W/THUMBSCREWS	
SIZE	CODE	IDENT NO.	MM/DD/YYYY
D	7U296		09/10/2021
SCALE:	1/1	SHEET 1 OF 1	

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.