

1. SCOPE:
THIS SOURCE CONTROL DRAWING COVERS THE DETAILED REQUIREMENTS FOR FABRICATING THE STANDARD LENGTHS FOR SENERGY-Ai MOTOR EXTENSION CABLES THAT UTILIZE #22AWG SIZED CONDUCTORS
2. APPLICABLE DOCUMENTS:
NONE
3. REQUIREMENTS:
REQUIREMENTS SHOWN ARE FOR A SINGLE INDIVIDUAL CABLE ASSEMBLY
EACH INDIVIDUAL CABLE TO INCLUDE WRAP AROUND LABEL INDICATING PULSEROLLER PART NUMBER.
WRAP AROUND PART NUMBER LABEL MATERIAL SHALL BE UL 969 RECOGNIZED
4. QUALITY:
CABLE SHALL NOT HAVE ANY OPEN OR SHORT CONNECTIONS BETWEEN PINS, NO MIS-WIRING, OR NO INTERMITTENT FAILURES
CABLE SHALL BE CONTINUITY CHECKED ON ALL PINS
CABLE SHALL HAVE 300 VDC TEST, INSULATION RESISTANCE OF 20 MΩ MINIMUM AND CONDUCTANCE RESISTANCE OF 3.0Ω MAXIMUM
BUYER RESERVES RIGHT TO TEST ANY PIECE FOR COMPLIANCE TO THESE REQUIREMENTS AND RETURN FOR CREDIT OR REPLACEMENT OF ANY NON-CONFORMING ITEM
5. PREPARATION FOR DELIVERY:
CABLES ARE NOT TO BE INDIVIDUALLY PACKAGED AND ARE TO BE PACKAGED IN SINGLE BAGS OF 10 PIECES EACH

BILL OF MATERIAL				
REF	QTY	MANUFACTURER	PART NUMBER	DESCRIPTION
1	1000 mm	-	-	CABLE, 22 AWG, 4 COND., SHIELD, BLACK TPU JACKET, UL20549
2	1	-	-	M8 CONNECTOR, 4 PIN MALE, A CODED, EXT THREAD, SOLDER TYPE
3	1	-	-	M8 CONNECTOR, 4 PIN FEMALE, A CODED, SOLDER TYPE
4	2			CONNECTOR GRIP, OVERMOLD, YELLOW PU
5	1	BRADY OR EQUIV	B-427 OR EQUIV	LABEL, VINYL, WRAP AROUND, SELF ADHESIVE, 2 in. X .125 X .320

PART NUMBER CHART	
PART NUMBER	LENGTH (MM)
IN-SN-MTR-M8-M8-050	500 +/- 20
IN-SN-MTR-M8-M8-100	1000 +/- 30
IN-SN-MTR-M8-M8-150	1500 +/- 30
IN-SN-MTR-M8-M8-200	2000 +/- 30
IN-SN-MTR-M8-M8-250	2500 +/- 30

WIRING CHART		
P1 PIN	P2 PIN	WIRE COLOR
1	1	BROWN
2	2	WHITE
3	3	BLUE
4	4	BLACK
SHELL	SHELL	DRAIN

