



NOTES

- 1) ——— DENOTES WIRING BY SIEMENS MILLTRONICS.
- - - - - DENOTES WIRING BY CUSTOMER.
CUSTOMER TO REMOVE APPLICABLE JUMPERS.
ALL WIRING MUST BE DONE IN CONJUNCTION WITH APPROVED CONDUIT, BOXES AND FITTINGS AND TO PROCEDURES IN ACCORDANCE WITH ALL GOVERNING REGULATIONS. ALL SIGNAL WIRE MUST BE RUN IN SEPARATE CONDUIT FROM CONTROL WIRES.
- 2) USE 6 CONDUCTOR #20 AWG SHIELDED CABLE FOR LOAD CELL CONNECTIONS LESS THAN 150m (500ft). FOR CABLE RUNS OF 150m TO 300m, USE 8 CONDUCTORS TO ALLOW CONNECTION OF -EXC TO -SEN AND +EXC TO +SEN AT LOAD CELLS.
- 3) FOR AC VERSION: POSITION SW1 FOR 100/115/200/230 VAC OPERATION, 50/60 Hz, 15 VA.
FOR DC VERSION: CONNECT APPROPRIATE VOLTAGE (12 OR 24) TO TERMINAL 32 (+) AND 31 (-).
- 4) THE MD SPEED SENSOR IS A UNIDIRECTIONAL DEVICE. CLOCKWISE ROTATION PRODUCES PULSES AT TERMINAL #2. COUNTER-CLOCKWISE ROTATION PRODUCES PULSES AT TERMINAL #3. CONNECT JUMPER BETWEEN TB1-5 & TB1-6 IF THE MD SPEED SENSOR IS REMOVED.
- 5) GROUND SHIELDS ONLY AT MILLTRONICS BW100.
- 6) TOTAL #1 RATING 100 mA @ 24VDC, USE 2 CONDUCTORS 18 AWG. SHIELDED CABLE. TOTAL #2 RATING 100 mA @ 230 V DC OR AC
- 7) ALARM CONTACTS RATED AT 5A @ 250 VAC, NON-INDUCTIVE.
- 8) FOR ANALOG OUTPUT, USE 2 CONDUCTOR #18 SHIELDED CABLE.
- 9) CONNECTION OF TERMINALS 9 TO 10 WILL CAUSE SELF INITIATED AUTOMATIC ZERO WITH CONVEYOR BELT RUNNING EMPTY. USE 2 CONDUCTORS #18 AWG SHIELDED CABLE TO REMOTE CONTACT.
- 10) FOR FURTHER INFORMATION REFER TO THE BW100 OR MD SPEED SENSOR INSTRUCTION MANUAL OR CONTACT THE NEAREST SIEMENS MILLTRONICS REPRESENTATIVE.

⚠ SEE INSTRUCTION MANUAL FOR PROPER OPERATION.

USE DIMENSIONS ONLY - DO NOT SCALE		2	ACCUMASS REBRANDED TO MILLTRONICS REPLACES DRAWING 0-73400117-DI-B	JLC	RDC	JULY 24/03
DIMENSIONS ARE IN MILLIMETERS		Rev.	Revision / ECN Description	Drawn	Appr.	Date
Third Angle Projection	Product Group	Tolerance Unless Otherwise Noted: U05		Scale:	Size:	
	MASS DYNAMICS	1 Place Decimal	N/A	Angles:	NONE	
	Date: 09/05/97	2 Place Decimal	N/A		B	
	Drawn: B. GRAY	3 Place Decimal	N/A	TITLE:		
	Checked: R. CLOSS	MILLTRONICS BW100 & MSI				
	Approved: M. HAMPTON	C/W MD-36A/MD-256 SPEED SENSOR				
	Location: PETERBOROUGH	INTERCONNECTION DIAGRAM				
	SIEMENS MILLTRONICS	DRAWING No: 23650440		Rev. 2		
	PROCESS INSTRUMENTS INC.	Peterborough, Ontario, Canada				
	File No. 2365044002	Pkt at: 1:1		Sheet 1 of 1		

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