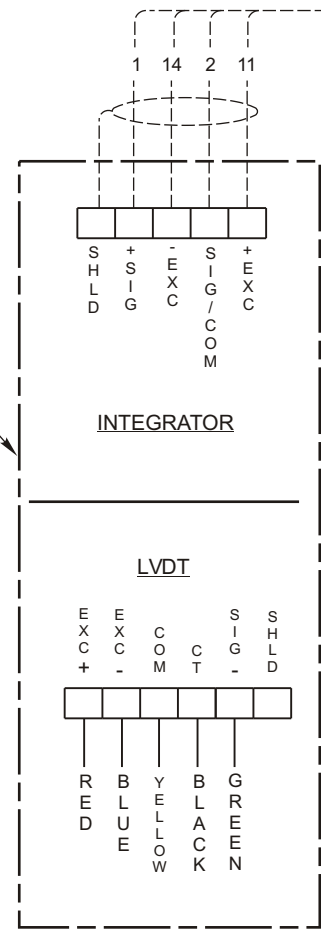
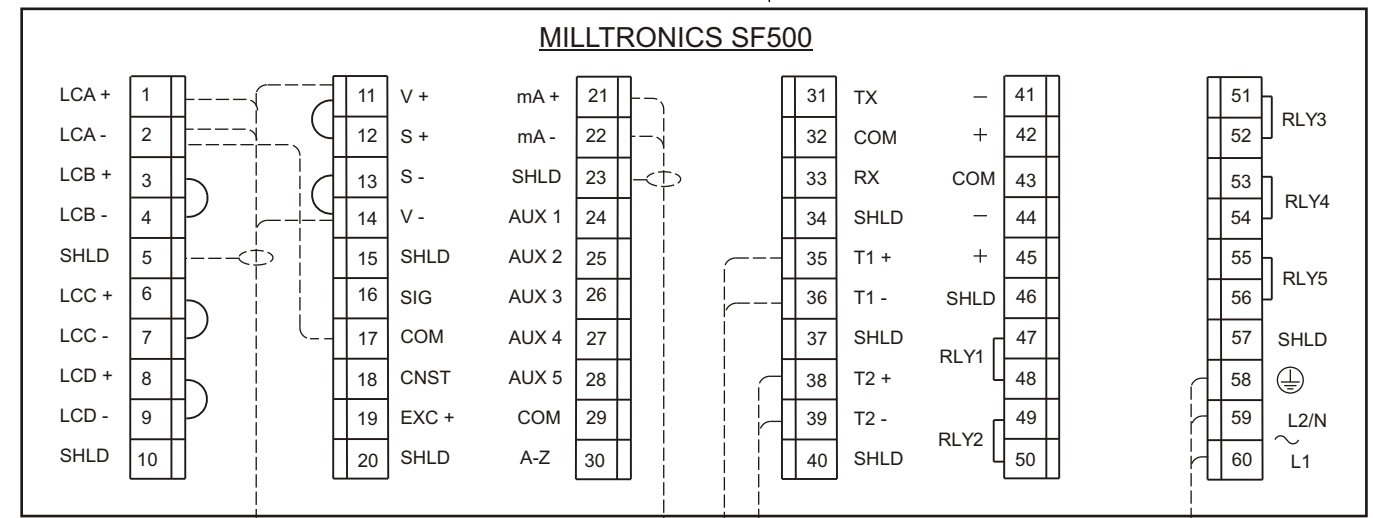


MILLTRONICS FLOWMETER SEE INSTRUCTION MANUAL



SEE INSTRUCTION MANUAL FOR PROPER OPERATION.

SEE MILLTRONICS SF500 INSTALLATION DIAGRAM



4 CONDUCTOR, 20 AWG., SHIELDED CABLE, BELDEN 8404 OR EQUIVALENT, BY CUSTOMER, 300 m (1000 FT) MAX. SEE NOTES 1 & 3

2 CONDUCTOR, 18 AWG., SHIELDED CABLE, BELDEN 8760 OR EQUIVALENT, BY CUSTOMER

ISOLATED 0/4 - 20 mA OUTPUT, 750 OHMS MAX. LOAD DO NOT GROUND!, SEE NOTES 1 & 4

SOLID STATE CONTACT DC REMOTE TOTALIZER, #1 SEE NOTES 1 & 5

SOLID STATE CONTACT AC/DC REMOTE TOTALIZER, #2 SEE NOTES 1 & 5

POSITION SW2 FOR 100/115/200/230 V ~ ± 10% OPERATION 50/60 Hz, 31 VA, SEE NOTES 1 & 2

**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) SELECT CORRECT VOLTAGE VIA SELECTOR SW2, BY CUSTOMER.
- 3) \* WHERE SEPARATION BETWEEN THE INTEGRATOR AND LVDT CONDITIONER EXCEEDS 150m (500ft) USE 6 CONDUCTOR 20 AWG, SHIELDED BELDEN 9260 OR EQUIVALENT:
  - REMOVE THE JUMPERS ON THE BW500/ SF500 TERMINALS 11/12 AND 13/14,
  - RUN ADDITIONAL CONDUCTORS FROM:  
 BW500/ SF500 TERMINAL 12 TO THE CONDITIONER TERMINAL BLOCK MARKED ' INTEGRATOR +EXC '  
 BW500/ SF500 TERMINAL 13 TO THE CONDITIONER TERMINAL BLOCK MARKED ' INTEGRATOR - EXC '
- 4) ANALOG OUTPUT WIRING MUST ENTER THE ENCLOSURE AS NEAR AS POSSIBLE TO THE ANALOG OUTPUT TERMINALS 21 & 22. KEEP WIRING AS SHORT AS POSSIBLE. DO NOT ROUTE CABLE ALONG TERMINAL BLOCK. GROUND SHIELD ONLY AT TB1-23.
- 5) TOTALIZER #1 RATING: 100 mA @ 24 VDC, USE 2 CONDUCTOR #18 AWG., SHIELDED CABLE. TOTALIZER #2 RATING: 100 mA @ 250V AC OR DC.
- 6) FOR FURTHER INFORMATION REFER TO THE MILLTRONICS SF500, AND MILLTRONICS FLOWMETER INSTRUCTION MANUALS, OR CONTACT YOUR SIEMENS MILLTRONICS REPRESENTATIVE.

USE DIMENSIONS ONLY - DO NOT SCALE		0	FOR RELEASE	RPC	RDC	MAY 01/01
DIMENSIONS ARE IN INCHES		Rev.	Revision / ECN Description	Drawn	Appr.	Date
	Product Group	MASS DYNAMICS		Tolerance Unless Otherwise Noted: UOS	Scale:	Size:
	Date:	01 / MAY / 2001		1 Place Decimal ± 0.03	Angles: ± 0.5°	NTS
	Drawn:	R. CLYSDALE		2 Place Decimal ± 0.01		
	Checked:	P. RICCI		3 Place Decimal ± 0.002		
Approved:		R. CLOSS		TITLE: MILLTRONICS SF500 & FLOWMETER C/W INTERNAL LVDT CUSTOMER WIRING DRAWING		
Location:		PETERBOROUGH		DRAWING No: 23650210		
SIEMENS MILLTRONICS PROCESS INSTRUMENTS INC.		Peterborough, Ontario, Canada		Rev. 2		
File No. 2365021002		Plot at: 1 : 1		Sheet 1 Of 1		

**For Public Release**

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