REVISIONS			
REV.	DESCRIPTION	DATE	DRAWN BY
C	DCE Rev C PCB	4/20/16	RSB

Function	label	Color, US	Color, IEC
Protective ground	PG	bare, green, or green-yellow	green-yellow
Neutral	N	white	blue
Line, single phase	L	black or red (2nd hot)	brown

RED → 24VDC
RED → 24VDC
BLACK → 24COM
BLACK → 24COM
BLACK → 24COM
PURPLE → DOUT2
RED/BLK → 4-20MA+
WHITE/BLK → 4-20MA-
ORANGE → RATE(+)
BLUE → RATE_OUT
BROWN → RATE(-)
PURPLE → DIN2
BLACK → 24COM

24VDC → RED
24VDC → RED
24COM → BLACK
24COM → BLACK
24COM → BLACK
DOUT2 → BLUE, PURPLE
4-20MA- → WHITE/BLK
4-20MA+ → RED/BLK
RATE(-) → BROWN
RATE_OUT → BLUE
RATE(+) → ORANGE
DIN2 → PURPLE, BLACK
24COM → PURPLE, BLACK

787-1002
12310
G N L
WHITE
BLACK

10840 2002-2408 (RED)
10840 2002-2408 (RED)
10840 2002-2408 (BLACK)
10840 2002-2408 (BLACK)

Alarm
CR138
A2
A1
CR138-1
CR138-2
11330
12 NC
11 COM
14 NO

10856
10856
F1
F3

Ground Lug
10351

NOTE 2

2-Pole Breaker
10878

Note 7

AC Power
Field Side
Note 1

Input V: 100/240 VAC
Input I: 0.7A / 0.5A
Input Freq: 44-66 Hz

98416
10258

20. RATE(+)	21. RATE OUT	22. RATE(-)	23. +24VDC	24. 24COM	25. N.C. OUT	26. COM OUT	27. N.O. OUT	28. N.C. OUT	29. COM OUT	30. N.O. OUT	31. WC N.C. OUT	32. WC COM OUT	33. WC N.O. OUT	34. 4-20 mA (+)	35. 4-20 mA (-)	50. SWITCH IN	51. SWITCH IN	Gnd. GREEN	70. SIG (-) RED	71. EXC (-) BLK	72. EXC (+) GRN/BLK	73. SIG (+) WHT	74. Temperature	75. Temperature	76. Aux Input +	77. Aux Input -
Frequency, Flow Rate Proportiona			Local Power		Alarm			Batch			Weighted Count			4-20mA		Remote Reset			Transducer In						Aux In	
					NOTE 5						NOTE 5 NOTE 8			NOTE 4		NOTE 6										

TBD 11328
TBE 11328
TBF 11328
TBA 11328
TBB 11328
TBC 11328

98623

DCE
Rev C

PG
Note 7.

RJ11
RS4853
RS4852
RS4851
RS4850
RS485 MODBUS

98414
RS485 MODBUS

Ground Strap
RS485[0:3]

10036
HMI

36	GROUND	
35	PGM_6	PGM_232 (RJ-11)
34	PGM_5	
33	PGM_4	
32	PGM_3	
31	PGM_2	
30	PGM_1	
29	USB_4	USB B
28	USB_3	
27	USB_2	
26	USB_1	
25	COM_485_8	COM_485 (RJ-45)
24	COM_485_7	
23	COM_485_6	
22	COM_485_5	
21	COM_485_4	RS4853
20	COM_485_3	RS4852
19	COM_485_2	RS4851
18	COM_485_1	RS4850
17	COM_232_6	COM_232 (RJ-11)
16	COM_232_5	
15	COM_232_4	
14	COM_232_3	
13	COM_232_2	
12	COM_232_1	
11	ETHERNET8	ETHERNET (RJ-45)
10	ETHERNET7	
9	ETHERNET6	
8	ETHERNET5	
7	ETHERNET4	
6	ETHERNET3	
5	ETHERNET2	
4	ETHERNET1	
3	POW_N/C	
2	POW_+24	
1	POW_COM	

A8
G306A

NOTES:

1. Incoming power wiring should be 16-14 AWG
2. AWG 16-14 used for AC power only
3. Y/G - YELLOW GREEN
4. 4-20mA current loop (SOURCE)
5. Relay Contact Ouput
6. N.O. Switch Input
7. DIN Rail to Ground Plane to PG (Earth Ground)
8. Weighted Count (WC) Option

COMPANY: Eastern Instruments
TITLE: Passive, Rev C PCB, STD
CODE: | SIZE: B | DRAWING NO: | REV:
DRAWN: RSB | DATED: APRIL-20-2015 | SHEET: 1 OF 1