SECO

FOUR CHANNEL COUNTER   SC130

A

B

C

D

RST A

RST B

RST C

RST D

SECO   SAHYADRI ELECTRO CONTROLS (I) PVT. LTD.
BANGALORE

DIGITAL COUNTER - 4 CHANNEL
(TYPE : SC 130)

SAHYADRI (SECO) make **Four Channel Counter** is an unique device designed with advance technology Microcontroller. This product is user friendly with universal application like complex counting. The SC 130 series Four channel is widely accepted in packing, Pharmaceutical, textile Industries and also used in Substation SCADA communication.
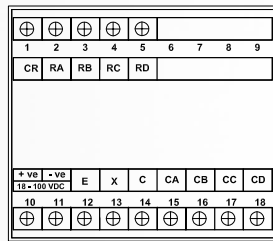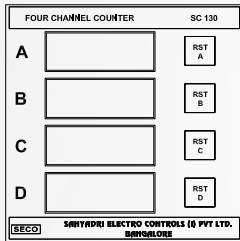
FEATURES:-

➢ Microcontroller based design
➢ Seven segment Display
➢ 4 Digit counter with 4 channels
➢ With SMPS power supply – Wide range
➢ Four channel display with separate Reset built-in Push button
➢ Modular type

TECHNICAL SPECIFICATIONS:-

➢ **Aux. supply**: 18 to 110V DC or 75 to 275V DC
➢ **Input**: Potential free contacts, Proximity switches, Limit switches
➢ **Range**: 9999 counts
➢ **Display**: 4 digit high bright 7 segment display
➢ **Accuracy**: 100% - No missing pulses
➢ **Reset**: Front inbuilt Push Buttons for each channel
➢ **Remote Reset**: Terminal provided for external push buttons
➢ **Sensing time**: Less than 10m Seconds
➢ **Memory**: Inbuilt memory to store the previous pulses for power failure
➢ **Box**: 96 x 96 Sq. mm
➢ **Panel cutout**: 92 x 92 mm
➢ **Depth**: 120 mm

WIRING DIAGRAM

FOUR CHANNEL COUNTER   SC 130

A   RST A
B   RST B
C   RST C
D   RST D

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1	2	3	4	5	6	7	8	9
CR	RA	RB	RC	RD				

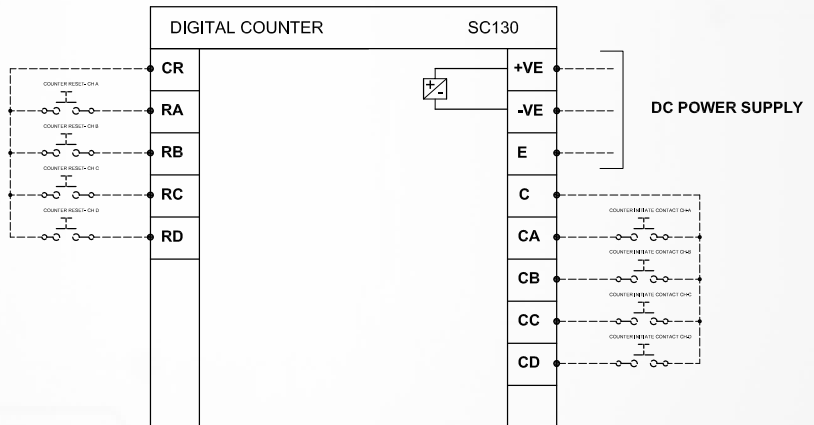| + ve | - ve | E | X | C | CA | CB | CC | CD |
| 18 - 100 VDC | | | | | | | | |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |

4- CHANNEL COUNTER

TER. NO	DESCRIPTION
1	COMMON - RESET (CR)
2	RESET - A (RA)
3	RESET - B (RB)
4	RESET - C (RC)
5	RESET - D (RD)
10 & 11	AUX. SUPPLY 18 - 100 VDC
14	COMMON-COUNTER (C)
15	COUNTER- A (CA)
16	COUNTER- B (CB)
17	COUNTER- C (CC)
18	COUNTER- D (CD)
SL. NO.	
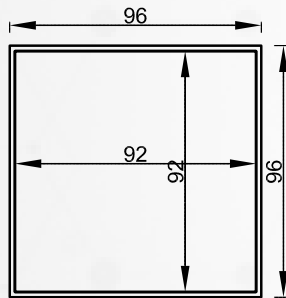
PANEL CUTOUT - 92X92 mm
BEZZEL - 96X96 mm

96
92
92
96

DIGITAL COUNTER   SC130

CR
RA
RB
RC
RD

COUNTER RESET - CH A
COUNTER RESET - CH B
COUNTER RESET - CH C
COUNTER RESET - CH D

+VE
-VE
E
C
CA
CB
CC
CD

DC POWER SUPPLY

COUNTER INITIATE CONTACT CH-A
COUNTER INITIATE CONTACT CH-B
COUNTER INITIATE CONTACT CH-C
COUNTER INITIATE CONTACT CH-D

TYPICAL WIRING DIAGRAM

ALL DIMENSIONS ARE IN MM.

DRAWN BY	HSV	REV. NO.	0	ISSUED ON	15.12.19			DRAWING TITLE: APPLICATION DIAGRAM OF 4 CHANNEL DIGITAL COUNTER		DRG NO. SECO/AD/SC130	SH.NO	01	SECO
APPD. BY	BSM			DRAWN ON	15.12.19						CONTD.	-	

SIDE VIEW

BACK VIEW

FOUR CHANNEL COUNTER   SC130

A

B

C

D

RST A

RST B

RST C

RST D

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1	2	3	4	5	6	7	8	9
CR	RA	RB	RC	RD	X	X	X	X

20-01-178

18 - 100 VDC			x	C	CA	CB	CC	CD
+ ve	- ve	E						
10	11	12	13	14	15	16	17	18

SAHYADRI ®

ISO 9001:2015 Certified

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