

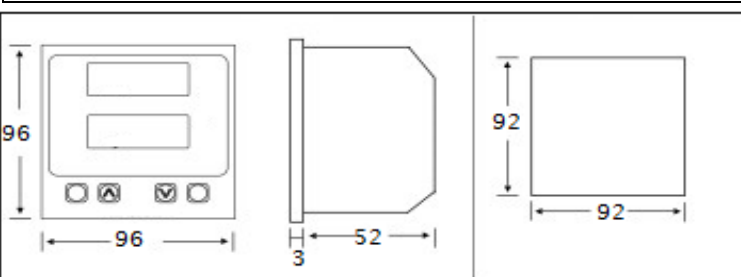
SPECIFICATION

AUXILIARY SUPPLY	
Supply voltage	100 to 250V AC, 50-60Hz
Power consumption (VA RATING)	Approx. 4 VA @ 230V AC MAX

ENVIRONMENT CONDITION	
Operating Temp.	0°C to 55°C
Relative Humidity	UP to 95% RH (non-condensing)
Protection Level	IP-65 (Front side) As per IS/IEC 60529 : 2001

DISPLAY	
Upper:	4 Digit Seven Segment, 0.56" RED
Lower:	3 Digit Seven Segment, 0.40" RED 1 Digit Seven Segment, 0.40" GREEN

DIMENSION	
96(H) X 96(W) X 52(D)/ Cut out : 92(H) X 92(W)	



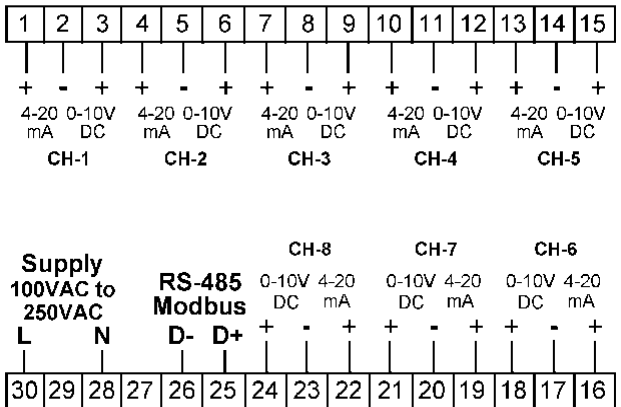
INPUT SPECIFICATION:

Sr.	INPUT		Range
1	0-5VDC	0-5V	-999 To 9999
2	0-10VDC	0-10	-999 To 9999
3	4-20mA	4-20	-999 To 9999
4	0-20mA	0-20	-999 To 9999

Indication Accuracy	±1% of FSD ± 1 (FSD: full scale deflection)
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Resolution	1,0.1,0.01,0.001
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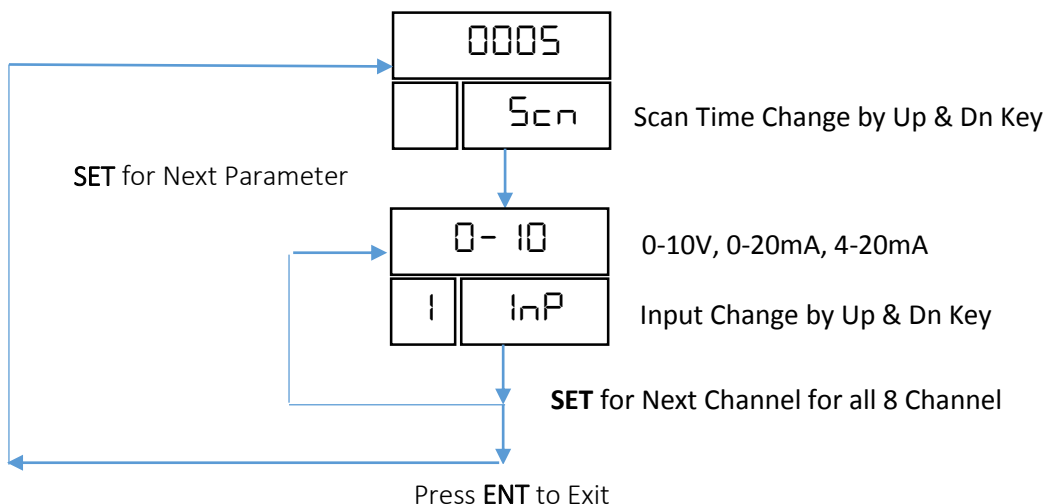
OUTPUT SPECIFICATION: RS-485 (MODBUS RTU)



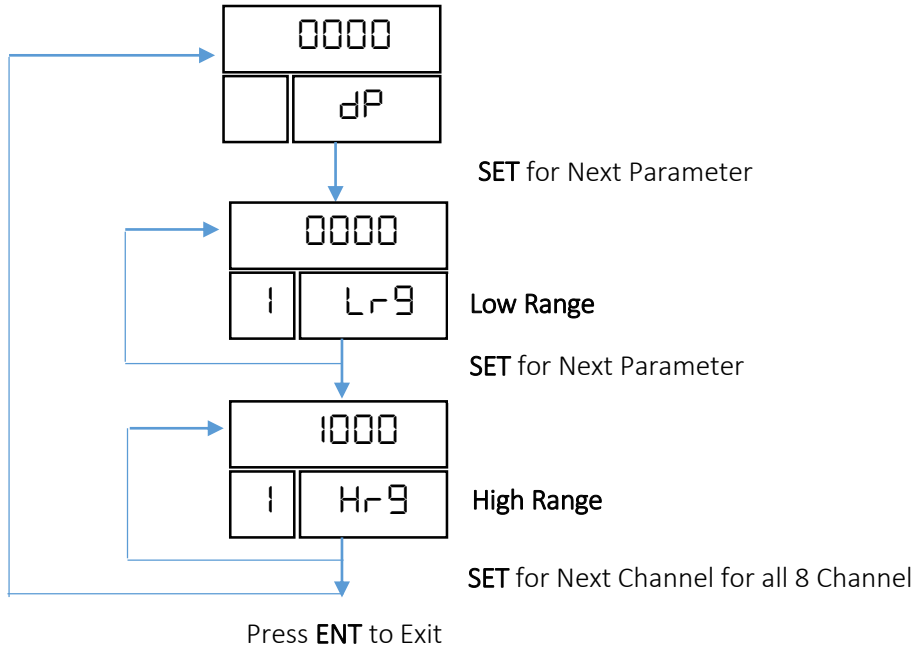
Key Function:

- 1) Press SET + → KEY CONFIGURE MENU
- 2) Press SET + ↑ KEY PARAMETER MENU
- 3) Press SET + ↓ KEY OFFSET MENU
- 4) Press → + ← KEY MODBUS MENU
- 5) Press & HOLD → KEY for Continuous scrolling or Manual scrolling
- 6) Manual Mode use ↑ (UP) & ↓(Down) KEY to select channel
- 7) Press ← + Power On Channel Selection.

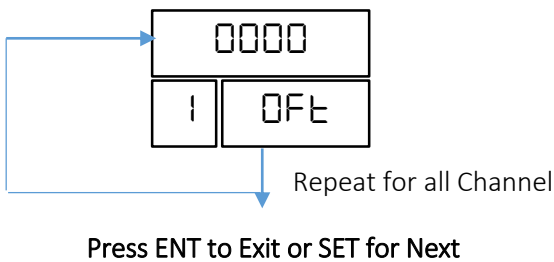
CONFIGURE MENU



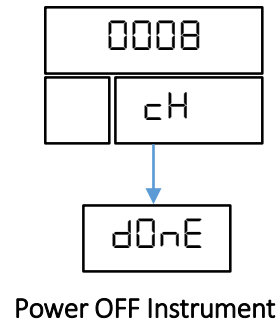
PARAMETER MENU



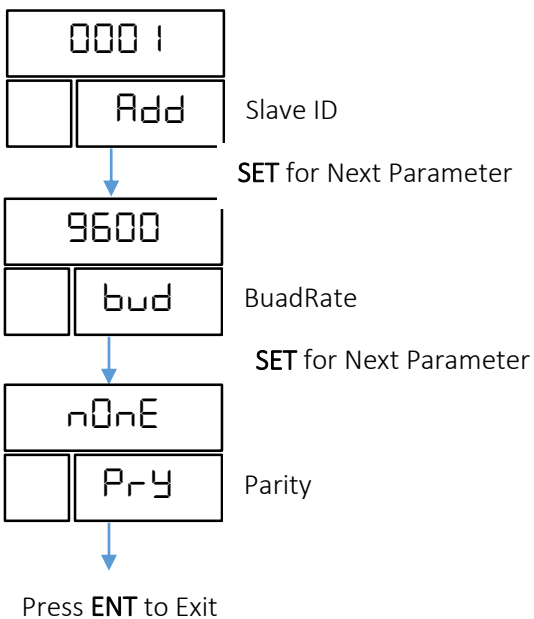
OFFSET MENU



CHANNEL SELECTION



MODBUS MENU



Protocol	Modbus RTU Serial
Standard	RS - 485
Communication method	2 wire half duplex
Communication rate	4800,9600,19200
Address range	1-127
Data type	Integer

Data type = Sign Integer show value as per following

Input	Actual Value	DP Selection
0-10VDC	Value/1	0
4-20mA DC	Value/10	1
0-5VDC	Value/100	2
0-20mA DC	Value/1000	3

Read/ Write	Parameter	Read Function Register(0x03/0x04) ADDRESS(INT)	Write Function Register (0x06/0x10) ADDRESS(INT)	
PROCESS VALUE				
R	CH1	40001/30001	-	
R	CH2	40002/30002	-	
R	CH3	40003/30003	-	
R	CH4	40004/30004	-	
R	CH5	40005/30005	-	
R	CH6	40006/30006	-	
R	CH7	40007/30007	-	
R	CH8	40008/30008	-	
INPUT				
R/W	CH1	40009/30009	40009	0:0-10 VDC 1:4-20 mA DC 2:0-20 mA DC 3:0-5 VDC
R/W	CH2	40010/30010	40010	
R/W	CH3	40011/30011	40011	
R/W	CH4	40012/30012	40012	
R/W	CH5	40013/30013	40013	
R/W	CH6	40014/30014	40014	
R/W	CH7	40015/30015	40015	
R/W	CH8	40016/30016	40016	
DP (Decimal Point)				
R/W	CH1	40017/30017	40017	0:0000 1:000.0 2:00.00 3:0.000
R/W	CH2	40018/30018	40018	
R/W	CH3	40019/30019	40019	
R/W	CH4	40020/30020	40020	
R/W	CH5	40021/30021	40021	
R/W	CH6	40022/30022	40022	
R/W	CH7	40023/30023	40023	
R/W	CH8	40024/30024	40024	
Low Range (-999 To 9999)				
R/W	CH1	40025/30025	40025	
R/W	CH2	40026/30026	40026	
R/W	CH3	40027/30027	40027	
R/W	CH4	40028/30028	40028	
R/W	CH5	40029/30029	40029	
R/W	CH6	40030/30030	40030	
R/W	CH7	40031/30031	40031	
R/W	CH8	40032/30032	40032	
High Range (-999 To 9999)				
R/W	CH1	40033/30033	40033	
R/W	CH2	40034/30034	40034	
R/W	CH3	40035/30035	40035	
R/W	CH4	40036/30036	40036	
R/W	CH5	40037/30037	40037	
R/W	CH6	40038/30038	40038	
R/W	CH7	40039/30039	40039	
R/W	CH8	40040/30040	40040	