

HD DIGITAL METER SERIES

COMMUNICATION MOSAIC INDICATOR

MODEL
HD - GPMSC

MODEL & SUFFIX CODE

MODEL HD-GPMSC



INPUT

A	RS 485
B	RS 422 (주문사항)
C	RS 232 (주문사항)



ORDERING INFORMATION

Specify code number and variables

* **Code number** : HD-GPMSC-INPUT
ex) HD-GPMSC-A

* **Special input range** (code O)

GENERAL SPECIFICATIONS

Construction : Mosaic graphic panel flush mounting

Connection : PIN connector

Housing material : black plastic

Input configuration : single-ended

Scaling : microprocessor using
control for key s/w

SPECIFICATION

Power : DC 24V $\pm$ 5%

Input Signal : RS - 485 SERIAL

Display : 4 DIGIT LED (H:10.16mm)

Address Selection : POWER TO INPUT

Isolation : POWER TO INPUT

COMMUNICATION PROTOCOL

Communication : SIMPLEX

Baud Rate : 1200, 2400, 4800, 9600, 19200 BPS
(PROGRAM SETTING)

Start Bit : 1 BIT

Data Bit : 8 BIT

Parity Check : NONE

Stop Bit : 1 BIT

Address

Transmission Code : ASCII CODE (HEX)

Point : PROGRAM SETTING

Error Time : 1 ~ 55sec, 01 = Infinitely
(PROGRAM SETTING)

DISPLAY

LED : 7-segment (H:10.41mm), red and green

Number of display digit : 4digit

Scaling factor for process Meter

Zero : 0

Span : (Zero point) 999999

Decimal point position : at key s/w setting

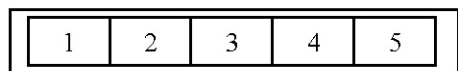
Read rate : 1.2/sec standard

Over-range indication : display by -F

PERFORMANCE

- **Accuracy** : $\pm 0.5\%$ of $\text{rag} \pm 2\text{digit}$
- **Temp coefficient** : $\pm 0.005\%$ of $\text{rag} \pm 1\text{digit}$
- **Line Voltage effect** : $\pm 1\text{digit}$ of 10% change
- **Insulation resistance** : $100\text{M}\Omega$ or more
with 500VDC
- **Dielectric strength** : 1200VAC 1minute
(Input to power)

TERMINAL CONNECTION



NO1 : + INPUT
NO2 : - INPUT
NO2 RESET
NO3 RESET

NO4: -] POWER
NO5: +]

DIMENSION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

