DIFFERENTIAL PRESSURE TRANSMITTER

DPT-800

HIGH ACCURACY

RELIABLE

WEATHER PROOF IP65

MEASUREMENT 5~15 in w.c.

TECHNICAL DATA

- Service: Dry air, Non-combustible, and Non-corrosive gas (O_2, N_2, Ar, CO_2)
- Measuring range: 5~15 in w.c.
- Housing material: PC
- Conduit size: ½"NPT(F); cable gland for 5~10mm cable
- Display: 5 digital LCD (180° rotation available)
- Unit: in w.c., Pa, mm w.c., kPa available
- Accuracy:

Range	Output Signal	Accuracy
1250 / 2000 / 4000 Pa	4~20 mA	±1% F.S

Range	Output Signal	Accuracy
1250 / 2000 / 4000 Pa	0~10V	±1% F.S

- Stability: typical ±1% F.S / year
- Temperature limits: -20˚C ~ +85˚C
- Max. pressure: 1psi (0.07bar)
- Output signal: 4~20mA (2-wires); 0~10V (3-wires)
- Power supply: 17~30 VDC
- Response time: 2.5Hz output refresh
- Loop Resistance: 0~1250Ω (current output); ≥1kΩ (voltage output)

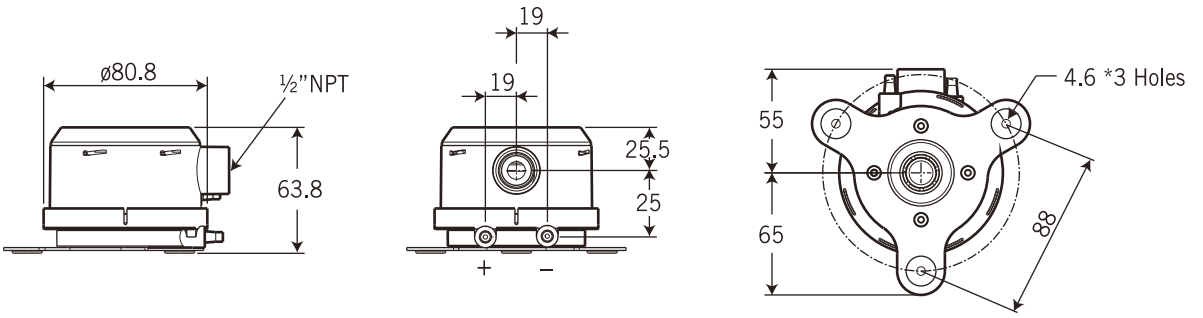
RANGE TABLE

Code	in w.c.	Pa	mm w.c.	kPa
03	5	1250	125	1.25
04	8	2000	200	2
05	15	4000	400	4

GME

DIMENSIONS

- **WALL MOUNT BRACKET**

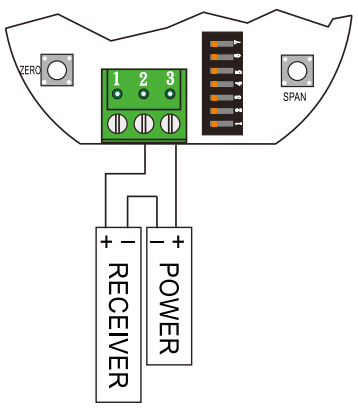


unit=mm

WIRING DIAGRAM

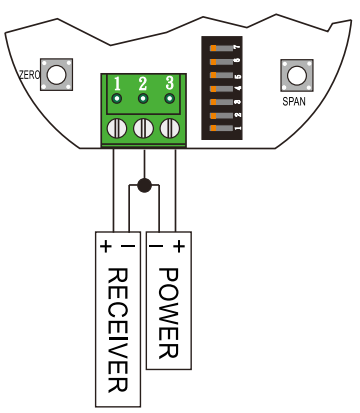
Current Output Wiring

4~20mA (2-wires) = 17-30 VDC



Voltage Output Wiring

0~10V (3-wires) = 17-30 VDC



HOW TO ORDER

1
Basic
Model
DPT-800

2
Measurement Range :
Fill in the "Code" of range table
or " requested range" directly.

3
Output Signal
A 4~20mA (2-wires)
B 0~10V (3-wires)

4
Setting Directional:
1 + Unidirectional (i.e. 0~1 in w.c.)
2 ± Bidirectional (i.e. ±1 in w.c.)

To order, select one item from each category (when applicable) to creat a part number.

EXAMPLE :

1	2	3	4
DPT-800	*3*	*A*	*2*

Specifications and dimensions given in this leaflet represent the state of engineering at the time of printing, modifications may take place and materials specified may be replaced by others without prior notice.