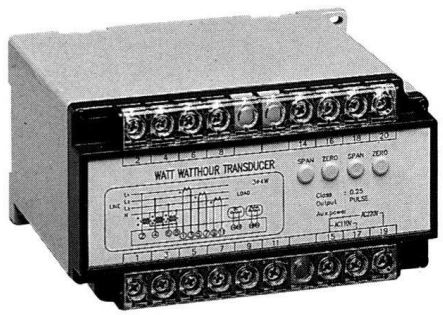
# WATT/WATT HOUR TRANSDUCER




- High accuracy Watt : 0.2% + PF 0.15%
  W.H : 0.2% + PF 0.15%
- Extremely excellent long term stability with.
- Conversion method with R. C time constant devided of multiple equation.
- Meets IEEE SWC test.
- Outstanding overload and temperature performance.
- Stability : Maximum 0.02%/℃

## Description

DEESYS watt/watt hour transducer are designed to measure the power and energy with various functions simultanously.
Output is adopted time division multiplication method using the R.C.
Watt hour output shall be provided various pulses according to the user's purpose and usage.

## Ordering procedure

DWW- □ □ □ □ □ □ □

- class : 0.2
- DEESYS WATT/WATT HOUR T/D
- SOURCE
  1. 1Ø2W 2. 1Ø3W
  3. 3Ø3W 4. 3Ø4W
- INPUT(I)
  1.0~5A
  2.0~1A
  3.Option
- INPUT(V)
  1.0~110V or 190/√3
  2.0~220V or 380√3
  3.Option
- OUTPUT
  1. DC 4~20mA
  2.DC 1~5V
  3.Option
- OUTPUT(Pulse)
  1. 1Pulse/Watt hour
  2. 1Pulse/10Watt hour
  3. 10Pulse/Watt hour
  4. Option
- HZ
  1.60HZ
  2.50HZ

## Standard product

| Model | Output | Source |
|---|---|---|
| DWW-11111 | DC 4~20mA, 1Pulse/Watthour | 1Ø2W |
| DWW-21111 | DC 4~20mA, 1Pulse/Watthour | 1Ø3W |
| DWW-31111 | DC 4~20mA, 1Pulse/Watthour | 3Ø3W |
| DWW-41111 | DC 4~20mA, 1Pulse/Watthour | 3Ø4W |

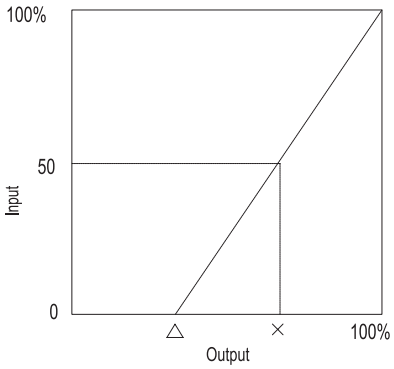
Order made is avaliable except for standard products.

## Output/Load resistance

| Output | Load Compliance Ω |
|---|---|
| 4~20mA | ≦ 500 |
| 1~5V | ≦ 1K |

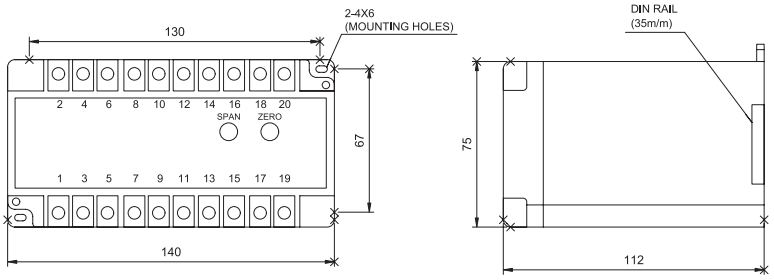
## Installation and operation

Output Linearity



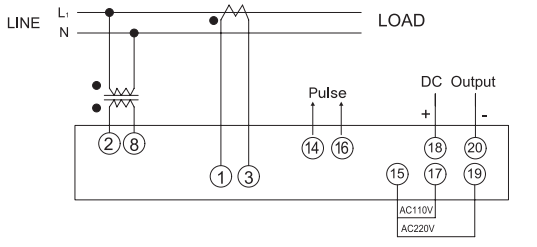

x=(100-△)x50%+△%
〈△ to rated〉

## Mounting and dimension

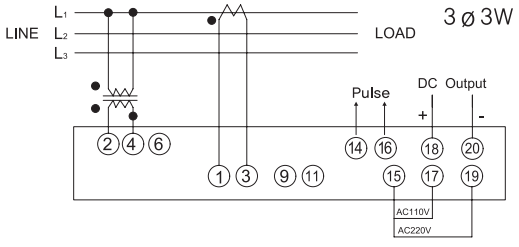



## Connection diagram

DWW-1Ø2W 1ø2W




DWW-1Ø3W, 3Ø3W 1ø3W 3ø3W




DWW-3Ø4W 3ø4W