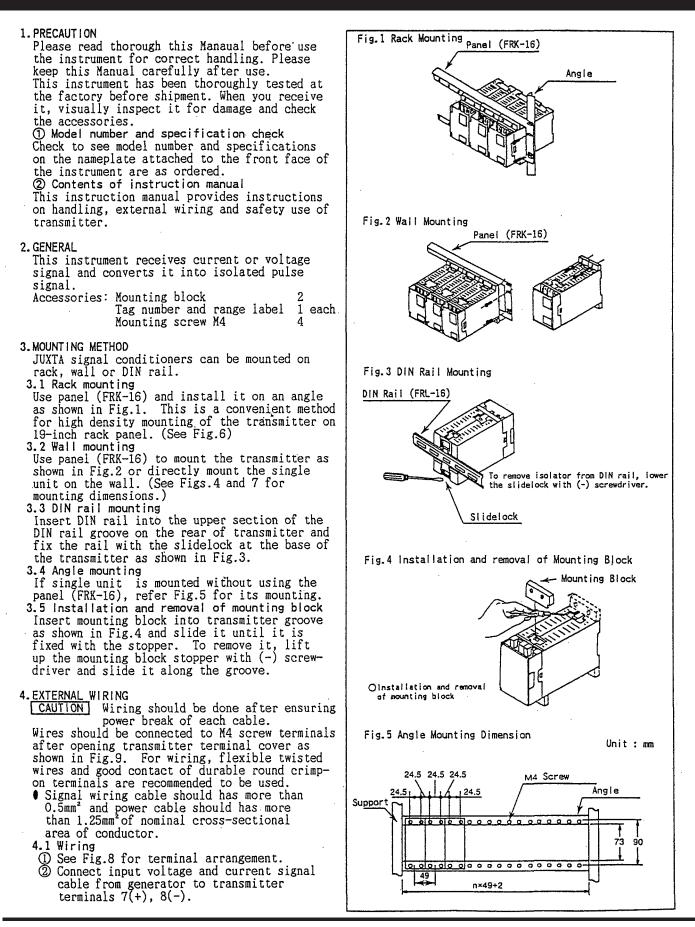
User's Manual

Model WQ2P Analog to Pulse Converter (Free Range Type)



IM JW68-01E





- 3 Connect transmitter output signal cable to its terminals 11(+) and 12(-). (4) Connect 85~265V AC or 24V DC power cable
- to transmitter terminals 14(L+), 15(N-)and 16(G). (See Fig.9)
- NOTE : Apart wiring of power and input/output cables from noise source. Otherwise, accuracy may not be warranted.

5. INSTALLATION AND HANDLING

- ① Aviod installation in such environments as shock, vibration, corrosive gas, dust, water, oil, solvent, direct sunlight, radiation, powerful electric and magnetic fields.
- ② In order to protect transmitter from inducement of thunder surges in power and signal cables, use arrester between transmitter and equipment installed in the field.

6. SAFETY USE

Following caution for safety should be taken for handling of instrument. We are not responsible for damage incurred by use contrary to caution. CAUTION

- Following items should be checked when turing power on. Use of instrument by ignoring the specifications may cause overheat or burning.
 - (a) Voltage of power supply and input value be applied to the instrument should meet with required specifications.
 - (b) External wiring to terminals should be connected correctly. (See preceding Article 4)
- Do not use the instrument in such dangerous places where exist inflammable and explosive gas or steam.
- In case of AC power supply, high voltage of $85 \sim 264$ V AC would be applied to 14 and 15 terminals and 300 VAC would be applied to 7 and 8 terminals shown in Fig.10. Do not touch terminals.

7. CALIBRATION

Carry out the following calibration after warming up the instruments for more than $10 \sim 15$ minutes.

7.1 Calibration equipment

- Counter or Oscilloscope (Hewlett-Packard Model 5334A or equivalent) • Voltage/Current Generator (Yokogawa Model 7651 or equivalent)
- •Resistor & Dry Cell (one each of 1KQ and 1.6KQ resistor and one 6V dry cell)
- 7.2 Calibration
- Connect each equipment as shown in Fig.10.
 Input/output characteristics Input/output characteristics check Apply input signal equivalent 0, 25, 50, 75, 100% of span to transmitter through Voltage/Current Generator. Check the corresponding transmitter outputs are 0, 25, 50, 75 and 100% respectively and
 - are within accuracy rating range. If output signal is out of tolerance, adjust it through Handy Terminal (JHT-100 or JHT200). For adjustment, refer Instruction Manual of Handy Terminal (JHT200: IM JF81-02E, JHT-100: IM JF81-01E)

Note:

When power of WQ2P is turned on/off, one pulse may be counted by the pulse input device which connects to the WQ2P.

Subject to change without notice for grade up quality and performance.



