**Easy to Read Large Triple Display**

Multifunction Power Meter for Power & Energy Management

**PR300 Debut!**

**Monitoring to Save Energy**

Introducing a New Multifunction Power Meter for Power & Energy Management

Various Meters Integrated in One PR300

- **Before** with analog meter (3p3w)
  - Current: 14 points
  - Voltage: 13 points
  - Ex) total 27 points wiring

- **Now** with PR300, only 7 points wiring
  - Current: 4 points
  - Voltage: 3 points
  - Frequency: 3 points
  - Active energy: 4 points

- **Now, you can reduce complex wiring with PR300!**
  - This example shows 1/4 reduction PR300 can do it even if you need more measurement items.

**Universal Panel Cutout**

DIN 96-square shape

ANSI 4-inch round form shape

- Actual size (110mm-square for ANSI 4-inch round shape)

**Large Triple Display**

- RS485 as Standard Ethernet as Option

**Multi-function**

- Various measurement items

- Operator controls the load

- Arbitrary time integrated function

- Demand measurement

**New**

**Alarm**

- Alarm is activated when demand value exceeds the preset alarm value

**About to exceed contracted power**

- Operator needs to know time period by external digital input

**Check abnormality for each process**

- Active energy can be measured for the time period by external digital input

**For generator manufacturers**

- Regenerative energy, too!

**Regenerative energy**

- Total active energy

**Machine tools operational**

- Total active energy

**Measurement items**

- Active energy

**Data acquisition and monitoring using the recorder**

- The Ethernet-serial gateway function enables connection between the PR300 and RS-485 devices.

**Dagstation**

- Measurement item display

**Maximum demand current**

- Demand current

**Minimum demand current**

- Demand current

**Maximum demand power**

- Demand power

**Minimum demand power**

- Demand power

**Active energy**

- Apparent energy

**Active energy**

- Reactive energy

**Frequency**

- Power factor

**Voltage**

- Current

**Current**

- Voltage

**Voltage**

- Phase switching

**Before**

- Before

**Now**

- Now

**Now, you can reduce complex wiring with PR300!**

- This example shows 1/4 reduction PR300 can do it even if you need more measurement items.

**Network Solutions Business Div.**

- Phone: (65)-62419933, Fax: (65)-62412606

- Phone: (31)-33-4641806, Fax: (31)-33-4641807

- Phone: (81)-422-52-7179, Fax: (81)-422-52-6619

E-mail: ns@cs.jp.yokogawa.com

**Subject to change without notice.**