

# Pressure Transmitter

## KIT-LP/HP Series



KIT-LP15

### Applications

- Process control
- Hydraulics & Pneumatics
- Compressor control
- Chillers
- Refrigeration Equipment

### Specifications

#### ▶ Principle of Pressure Measurement

- Gauge / Absolute / Vacuum and Compound

#### ▶ Measuring Range

- Gauge Pressure : 0 ~ 0.5 to 600bar
- Compound Pressure : -760mmHg ~ 0 to 30bar
- Absolute Pressure : 0 ~ 1 to 30bar

#### ▶ Overload

- X 1.5 ~ 4 FS without Damage

#### ▶ Accuracy

- ±0.5% F · S

#### ▶ Output signal

- 4~20mA DC, 0~5(10)V, 1~5V

#### ▶ Power supply

- 18 ~ 36V DC (STD. 24V DC)

#### ▶ Operating Conditions

	≤0.35bar	≥1.05bar
Compensated	0 ~ 50°C	-20 ~ 70°C
Operating	-10 ~ 70°C	-10 ~ 125°C

#### ▶ Electrical Connections

- PF 1/2"

#### ▶ Process Connections

- PT(PF) 1/4", 3/8", 1/2"
- Female and other connection available

#### ▶ Material

- Diaphragm : CERAMIC
- Wet part : STS 316L
- Case : ADC12



KIT-LP25

### Applications

- Process control
- Hydraulics & Pneumatics
- Compressor control
- Chillers
- Refrigeration Equipment

### Specifications

#### ▶ Principle of Pressure Measurement

- Gauge / Absolute / Vacuum and Compound

#### ▶ Measuring Range

- Gauge Pressure : 0 ~ 0.5 to 600bar
- Compound Pressure : -760mmHg ~ 0 to 30bar
- Absolute Pressure : 0 ~ 1 to 30bar

#### ▶ Overload

- X 1.5 ~ 4 FS without Damage

#### ▶ Accuracy

- ±0.5% F · S

#### ▶ Output signal

- 4~20mA DC, 0~5(10)V, 1~5V

#### ▶ Power supply

- 18 ~ 36V DC (STD. 24V DC)

#### ▶ Operating Conditions

	≤0.35bar	≥1.05bar
Compensated	0 ~ 50°C	-20 ~ 70°C
Operating	-10 ~ 70°C	-10 ~ 125°C

#### ▶ Electrical Connections

- PG11

#### ▶ Process Connections

- PT(PF) 1/4", 3/8", 1/2"
- Female and other connection available

#### ▶ Material

- Diaphragm : CERAMIC
- Wet part : STS 316L
- Case : STS 316L



KIT-LP35

### Applications

- Process control
- Hydraulics & Pneumatics
- Compressor control
- Chillers
- Refrigeration Equipment

### Specifications

#### ▶ Principle of Pressure Measurement

- Gauge / Absolute / Vacuum and Compound

#### ▶ Measuring Range

- Gauge Pressure : 0 ~ 0.5 to 600bar
- Compound Pressure : -760mmHg ~ 0 to 30bar
- Absolute Pressure : 0 ~ 1 to 30bar

#### ▶ Overload

- X 1.5 ~ 4 FS without Damage

#### ▶ Accuracy

- ±0.5% F · S

#### ▶ Output signal

- 4~20mA DC, 0~5(10)V, 1~5V

#### ▶ Power supply

- 18 ~ 36V DC (STD. 24V DC)

#### ▶ Operating Conditions

	≤0.35bar	≥1.05bar
Compensated	0 ~ 50°C	-20 ~ 70°C
Operating	-10 ~ 70°C	-10 ~ 125°C

#### ▶ Electrical Connections

- Lead wire

#### ▶ Process Connections

- PT(PF) 1/4", 3/8", 1/2"
- Female and other connection available

#### ▶ Material

- Diaphragm : CERAMIC
- Wet part : STS 316L
- Case : STS 316L

Pressure Gauge

Differential Pressure Gauge & Switch

Accessories of Pressure Gauge

Thermometer & Thermometer Switch

Thermocouple & R.T.D

Thermowell

Transmitter

Indicator etc.

Technical data