

Pressure Switch

Model No. **KCQ-21 Series**



KCQ-21

Summary

This pressure switch is proper for various pressure controlling such as oil pressure, air pressure, water pressure, etc and also flow control, pressure control, liquid level control, etc. It is designed considering shock resistance, durability, etc. Therefore, it is enough proper for ships.

Safety Management

- Be sure to use valves
- Be sure to install a protecting device where exist abrupt change of pressure, vibration and pulsation.
- Do not give impact during the transportation, installation and usage.

Purpose of Use

- Measurement of various liquid
- Application line of potential differential of pressure

Production Specification

- ▶ Diameter
 - Square
 - 165mm x 130mm x 60mm (W x H x D)
- ▶ Accuracy
 - Repeatability : $\pm 1.0\%$ of Adj Range
 - Dead Band : $\pm 4.0\%$
- ▶ Scale Range
 - $- 0.1 \sim 2$ MPa, $0 \sim 35$ MPa
 - (※ 1 MPa = 10,19716 kgf/cm²)
- ▶ Working Pressure
 - Static pressure : 75% of Full Scale
 - Fluctuating pressure : 60% of Full Scale
- ▶ Working Temperature
 - Ambient : $- 20 \sim 65^{\circ}\text{C}$
 - Fluid : $- 20 \sim 80^{\circ}\text{C}$

Product Specification

+ Case · Aluminum(Hammer tone coating)	+ Type · Surface Type	+ Bourdon tube(Element) · STS304, STS 316
+ Case Structure · Weather Proof	+ Contact Form · Micro Contact Type · SPDT * 1 (High or Low)	+ Option · Throttles · Accessories
+ Cover · Aluminum(Hammer tone coating)	+ Contact rating · AC 125V 5A / 250V 3A · DC 30V 4A / 125V 0.4A / 250V 0.2A	
+ Connection · STS 316 · PF, PT, NPT ↔ 1/2, 3/8		

Pressure Gauge

Differential Pressure Gauge & Switch

Accessories of Pressure Gauge

Thermometer & Thermometer Switch

Thermocouple & R.T.D

Thermowell

Transmitter

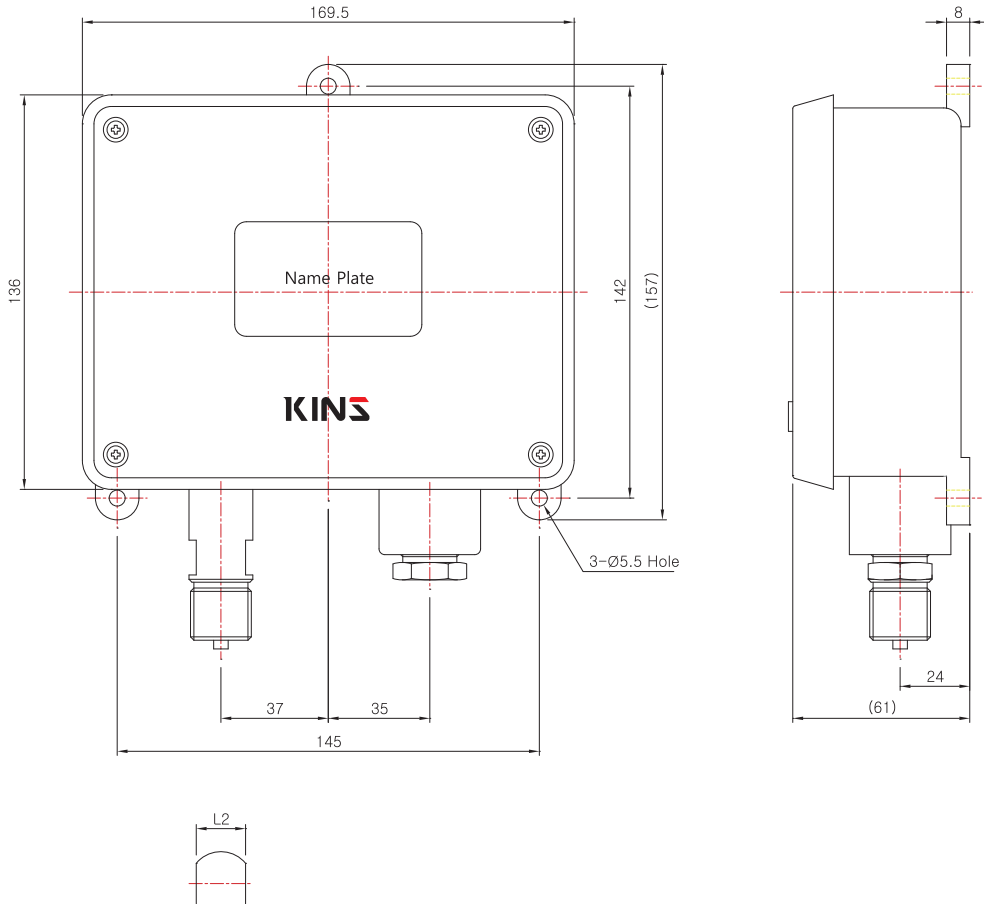
Indicator etc.

Technical data

Pressure Switch

Model No. KCQ-21 Series

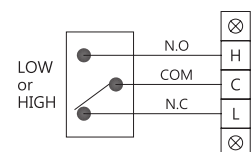
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Dimensions (mm)

Model No.	Con'n(d)	b	t	L2	k	h	f	e	c	Ød1	a
KCQ-21	PF 3/8	24	(61)	17	12	(50)	18	2	3	5	-
	NPT & PT 3/8					(48)	16	-	-	-	6.35
	PF 1/2					(52)	20	2	3	5	-
	NPT & PT 1/2					(50)	18	-	-	-	8.16

Connection diagram



*()The measurement in the blanket is approximate.

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