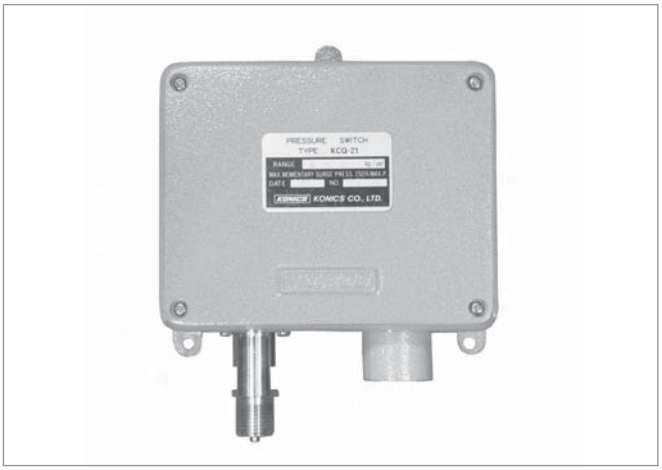
Pressure switch is excellent for controlling the liquid level, flow, and pressure of various fluids such as air, water, oil or others. This is square shaped and has only contact point system, not with indicating graduation of pressure. Micro-switch and snap-action switch are used at contact point. This model being developed mainly for thermal power plant, is a highly reliable pressure switch composing of few parts. This has a simple structure and superior against vibration and excellent for direct controlling of instruments as a field type. Space for the terminal part is broad enough to connect wires easily.

Specifications

Model		Type of case	Connection	Material of wetted parts	
				Socket	Element
KCQ21	-333	Drip Proof type	PF3/8	STS	Bourdon tube
	-343		PF1/2		
	-133	Water Proof type	PF3/8		STS316 (316 St. St.)
	-143		PF1/2		

Switch		Adjustment	Outlet for electric wire	Material of case and coating finish	weight (kg)
Contact					
1	Industrial micro switch JIS C4505 S.P.D.T	Internal adjustment system	Gland JIS 20b	Al-alloy die-casting Gray crystal coating	1.5



Pressure range (Kg/cm²)	Dead-band (within % of Max pressure)	Pressure range (Kg/cm²)	Dead-band (within % of Max pressure)	Accuracy % max. P	Electric characteristics		
					Rating	Withstand voltage	Insulation
0.1-0.5 0.2-1 0 - 1 - 2 - 3 - 4 - 6 -10 -15 -20	4	0 ~ 25 35 50 70 100 150 250 350 500 700	4	1.0	125V A.C.5A 250V A.C.5A 125V D.C.0.5A 30V D.C.2A (Resistance load) 125V A.C.5A 250V A.C.5A 125V D.C.0.05A 30V D.C1A (Induction load) Power factor:0.4 Time constant: less than 7 ms	1500V A.C 1min (between the terminals and the case) 600V A.C.1min. (between the separated terminals)	500V D.C. megger. over 100 MΩ

Dimensions