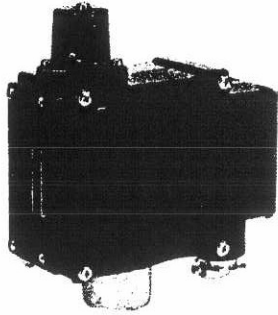


# L4086A Splashproof Pressure Control Controller



## FEATURES

The L4086A senses pressure changes and activates internal switches, resulting in ON/OFF action of the electric circuit.

This controller makes and breaks the solenoid valves or electric motor valves, and is used for pressure control involving fluids, air or steam, and as a limit control or alarm switch.

## SPECIFICATIONS

Model Number	Pressure Setting Range		Midscale Differential (adjustable)				Maximum Allowable Pressure		Switch Action (Microswitch)
			Min.		Max.		kgf/cm <sup>2</sup>	kPa	
	kgf/cm <sup>2</sup>	kPa	kgf/cm <sup>2</sup>	kPa	kgf/cm <sup>2</sup>	kPa			
L4086A1085	0 to 1.0	0 to 100	0.1	10	0.4	40	1.6	160	ON on pressure rise; OFF between (S) - (C) contacts ON between (S) - (W) contacts (SPDT contacts)
L4086A1093	0 to 3.5	0 to 350	0.3	30	1.0	100	6	600	
L4086A1101	0.35 to 10	35 to 1000	0.5	50	1.5	150	16	160	
L4086A1119	0.7 to 20	70 to 2000	1.5	150	3.5	350	25	2500	
J-14026	Siphone loop (separate order)								

## CONTACT RATINGS :

Load	Voltage	120Vac	240Vac	120Vdc	240Vdc
Full Load		8.0A	5.1A	—	—
Locked Rotor		48.0A	30.6A	—	—
Resistive Load		20.0A	20.0A	0.2A	0.1A

## SENSING ELEMENT MATERIAL :

Pressure Setting Range	Bellows	
	kgf/cm <sup>2</sup>	kPa
0 to 1.0	0 to 100	Phosphorous bronze
0 to 3.5	0 to 350	
0.35 to 10	35 to 1000	
0.7 to 20	70 to 2000	

CASE : Aluminum casting

AMBIENT TEMPERATURE : -20 to +65°

HOUSING : Splashproof structure (JIS F 8001 No. 3 type)

COLOR : Gray enamel (equivalent to Munsell N4.3)

WEIGHT : Approx. 2.2kg

ATTACHMENTS : 3 units each of M5 screw, hex. nut, spring washer and LBS scale plate

MOUNTING : R $\frac{1}{4}$  (PT $\frac{1}{4}$ ), Rc $\frac{1}{4}$  (PT $\frac{1}{4}$ )

## DIMENSIONS

[in mm]

