

L91B/D

Pressuretrol Controllers (Proportional)

The L91B/D controllers sense pressure changes, thus actuating an internal potentiometer and changing the electric resistance of the potentiometer in proportion to those changes.

The controllers are suitable for direct control of the proportional motors of automatic burners inside high limit controllers or for steam heater equipment.



Specifications

Case	Rolled steel plate
Ambient temperature	0 to 65°C
Control mode	Proportioning
Potentiometer	L91B: 135Ω one unit built-in, L91D: 135Ω two units built-in
Mass	Approx. 1.02kg
Mounting	R1/4 (0 to 100kPa model), Rc1/4 (other models)
Sensing element material	Bellows: phosphorous bronze

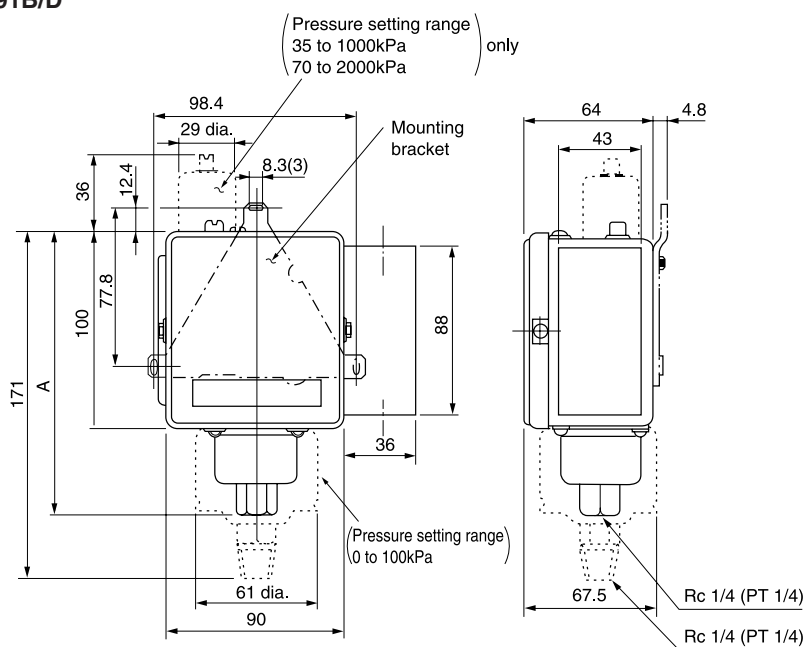
Selection Guide

Model No.	Pressure setting range (kPa)	Midscale proportional band (adjustable) (kPa)		Max. allowable pressure (kPa)
L91B200	0 to 100	15	84	160
L91B204	0 to 350	100	224	600
L91B208	35 to 1000	91	364	1600
L91D208		50	560	
L91B212	70 to 2000	300	770	2500
L91D212				
L91B216				
J-14026	Siphon loop (separate order)			
188050A	Mounting bracket (3 M4 and 3 M5 screws attached) (separate order)			

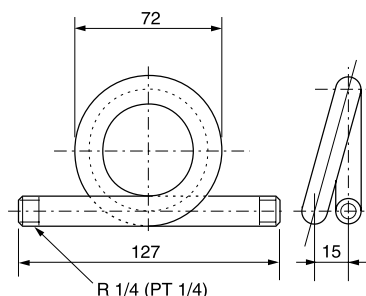
Dimensions

(Unit: mm)

• L91B/D



• Siphon loop J-14026



Dimension

Pressure setting range kPa	A
0 to 350	143
35 to 1000	143
70 to 2000	140