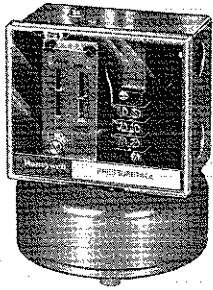


# Pressure and Limit Controllers

## L91 Proportional Pressuretrol® Controllers

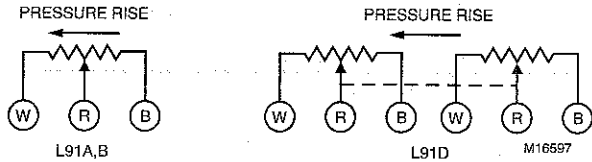


Indeco part number 1020887  
Honeywell number L91B1035

**Modulating pressure operating control for regulation of liquid or air and other non-corrosive gases.**

- Use with steam, air, noncombustible gases, or other fluids non-corrosive to the brass or phos-bronze (300 psi models) bellows.
- Do NOT use with combustible mediums or any medium chemically harmful to phos-bronze bellows (10-300 psi models) or brass bellows (all other pressure range models).
- 14026 Siphon Loop included with the models for 10 to 300 psi (69 to 2068 kPa).

### Wiring Diagram



**Application:** Modulating pressure control for regulation of liquid, air, or other non-corrosive gases.

**Dimensions, Approximate:** 6 7/8 in. high x 4 1/2 in. wide x 2 7/8 in. deep (175 mm high x 114 mm wide x 73 mm deep)

**Mounting:** optional surface mount through back of case

**Pipe Connections, Main or High Pressure:** 1/4 in. NPT external thread

**Electrical Connections:** Screw terminals

**Sensor Element:** Brass bellows

**Switch Operation:** Modulating

**Temperature Range:** 32 F to 150 F (0 C to 66 C)

Product Number	Operating Pressure Range		Maximum Sustained Operating Pressure		Pressure Differential		Modulating Output	Includes
	(kPa)	(psi)	(kPa)	(psi)	(kPa)	(psi)		
L91A1037	0 to 103 kPa	0 to 15 psi	172 kPa	25 psi	3.4 kPa	0.5 psi	Single potentiometer, 140 ohms	—
L91A1052	34 to 1034 kPa	5 to 150 psi	1551 kPa	225 psi	34 kPa	5 psi	Single potentiometer, 140 ohms	—
L91A1078	69 to 2068 kPa	10 to 300 psi	2241 kPa	325 psi	83 kPa	12 psi	Single potentiometer, 140 ohms	Siphon Loop
L91A1136	69 to 2068 kPa	10 to 300 psi	2241 kPa	325 psi	83 kPa	12 psi	Single potentiometer, 140 ohms	Siphon Loop
L91B1035	0 to 103 kPa	0 to 15 psi	172 kPa	25 psi	10 to 83 kPa	1.5 to 12 psi	Single potentiometer, 140 ohms	—
L91B1050	34 to 1034 kPa	5 to 150 psi	1551 kPa	225 psi	35 to 160 kPa	5 to 23 psi	Single potentiometer, 140 ohms	—
L91B1068	69 to 2068 kPa	10 to 300 psi	2241 kPa	325 psi	193 to 758 kPa	28 to 110 psi	Single potentiometer, 140 ohms	Siphon Loop
L91B1100	0 - 1 MPa	5 to 150 psi	1551 kPa	225 psi	35 to 160 kPa	5 to 23 psi	Single potentiometer, 135 ohms	—
L91B1118	0 - 2 MPa	10 to 300 psi	2241 kPa	325 psi	193 to 758 kPa	28 to 110 psi	Single potentiometer, 140 ohms	Siphon Loop
L91B1241	69 to 2068 kPa	10 to 300 psi	2241 kPa	325 psi	85 to 330 kPa	12 to 48 psi	Single potentiometer, 140 ohms	Siphon Loop
L91D1015	0 to 103 kPa	0 to 15 psi	172 kPa	25 psi	10 to 83 kPa	1.5 to 12 psi	Dual potentiometer, 140 ohms	—
L91D1031	34 to 1034 kPa	5 to 150 psi	1551 kPa	225 psi	76 to 359 kPa	11 to 52 psi	Dual potentiometer, 140 ohms	—
L91D1049	69 to 2068 kPa	10 to 300 psi	2241 kPa	325 psi	193 to 758 kPa	28 to 110 psi	Dual potentiometer, 140 ohms	Siphon Loop
L91D1056	0 - 1 MPa	5 to 150 psi	1551 kPa	225 psi	35 to 160 kPa	5 to 23 psi	Single potentiometer, 135 ohms	—
L91D1072	0 - 2 MPa	10 to 300 psi	2241 kPa	325 psi	193 to 758 kPa	28 to 110 psi	Single potentiometer, 140 ohms	Siphon Loop