

# PRESSURE

## BYPASS VALVE ASSEMBLY

**BVA-5**



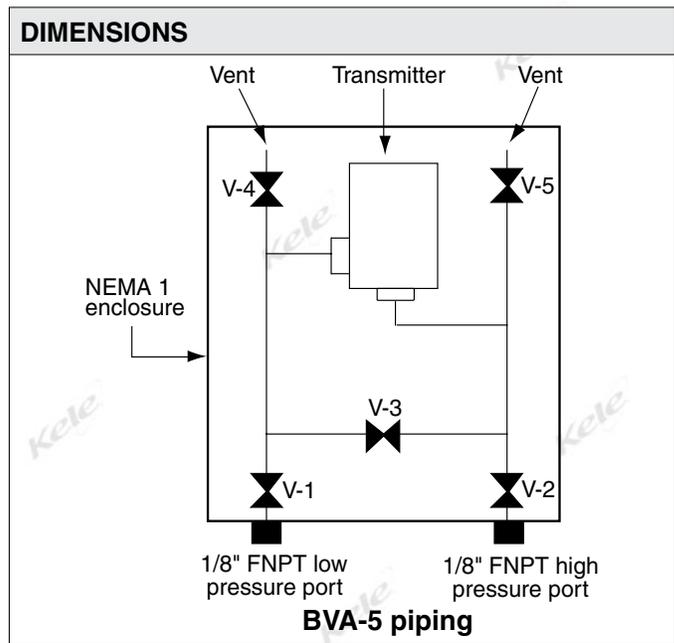
**BVA-5**

### DESCRIPTION

Differential pressure transmitters are often installed in systems with pressures much higher than the differential pressure being monitored. During installation, start-up, or shutdown, the pressure differential may exceed the transmitter differential pressure rating, resulting in severe damage to the transmitter. A **Kele Model BVA-5 Bypass Valve Assembly** will minimize this possibility. When it is purchased with a transmitter, the transmitter is assembled in a NEMA 1 or NEMA 3R enclosure with two isolation valves, an equalizing valve, and two vent valves mounted and piped. Optional pressure snubbers are also available mounted on the **Model BVA-5**. The **Model BVA-5** is designed for use on systems with maximum pressures less than 150 psig (1034.3 kPa) at 150 Deg. F (65 Deg. C).

SPECIFICATIONS	
<b>Maximum Pressure</b>	150 psi (1035 kPa)
<b>Additional Specifications</b>	150°F (66°C)
<b>Dimensions</b>	
<b>BVA-5-W30, DPW</b>	18"H x 10"W x 4"D (45.7 x 25.4 x 10.2 cm)
<b>All Others</b>	12"H x 10"W x 4"D (30.5 x 25.4 x 10.2 cm)
<b>Weight</b>	
<b>BVA-5-W30, DPW</b>	15.5 lbs (7.0 kg)
<b>All Others</b>	10.5 lbs (4.8 kg)
<b>Warranty</b>	1 year

OPERATION	
<b>To Place Transmitter in Service:</b>	
1.	Open V-3.
2.	Open V-4 and V-5.
3.	Slowly open V-1 and V-2 to bleed the lines of air.
4.	Close V-4 and V-5.
5.	Open V-1 and V-2 fully.
6.	Close V-3 to read differential pressure.
<b>To Take Transmitter Out of Service:</b>	
1.	Open V-3. This will equalize the pressure at the transmitter.
2.	Close V-1 and V-2.
3.	Open V-4 and V-5 to release pressure.



**CAUTION: A BVA-5 bypass valve assembly is for use on systems with a maximum pressure of 150 psig (1034.3 kPa) at 150**

ORDERING INFORMATION	
<b>MODEL</b>	<b>DESCRIPTION</b>
<b>BVA-5-DPW</b>	5 VALVE BYPASS FOR KELE DPW
<b>BVA-5-PW2</b>	5 VALVE BYPASS FOR PW2
<b>BVA-5-R</b>	5 VALVE BYPASS FOR 360C
<b>BVA-5-SET</b>	5 VALVE BYPASS FOR SETRA
<b>BVA-SRS</b>	5 VALVE BYPASS FOR SRS
<b>BVA-5-VER</b>	5 VALVE BYPASS FOR VERIS
<b>BVA-5-W</b>	5 VALVE BYPASS FOR GE W30
To order NEMA 3R Enclosure add suffix -3R Example: BVA-5-DPW-3R	