



DESCRIPTION

The **Kele DPW-692 Series Differential Pressure Transmitter** is ideal for monitoring pumps and piping differential pressures in HVAC systems and process systems including tank level monitoring. The **DPW-692 Series** incorporates proven, unique ceramic sensor technology and the stainless steel housing is compatible with a wide variety of liquid or gas media. The convenient DIN 43650-A wiring connector makes installation easy and provides NEMA 4 (IP65) environmental protection.

FEATURES

- **Competitively priced**
- **Very high quality**
- **Short-circuit proof**
- **Protection from reverse polarity**
- **Compact heavy duty housing**
- **True differential pressure sensing**
- **1/2" NPT conduit connector**
- **NEMA 4 (IP65) environmental rating**
- **Mounting bracket included**



DPW-692-100-KIT



SPECIFICATIONS			
Supply Voltage	11-33 VDC	Maximum Differential: Port-to-Port	
Signal Output	Two-wire, 4-20 mA	0-60 psid	174 psid
Maximum Output		0-100 psid and Greater	Hi: 464 psi, Low: 174 psi
Impedance	800Ω at 24 VDC	Operating Temperature	5° to 176°F (-15° to 80°C)
Accuracy	< ±0.5% FS (includes linearity, hysteresis, and repeatability)	Wetted Parts	303 stainless, FPM (Viton®) seals
Thermal Effect	<0.1% FS/°C	Enclosure Rating	NEMA 4 (IP65)
Maximum Operating Pressure		Process Connection	1/8" FNPT
0-60 psid	362 psig (2500 kPa)	Wiring Terminations	DIN 43650-A connector with terminal blocks
100 psid and greater	725 psig (5000 kPa)	Approvals	CE, RoHS
Overpressure		Weight	0.94 lb (0.43 kg)
0-60 psid	543 psi (3750 kPa)	Warranty	1 year
100 psid and greater	1088 psi (7500 kPa)		
Response Time	<5 ms		

Note: The **DPW-692** can be field calibrated ±10%; see installation instructions for this procedure. However, due to the very small recessed calibration screws, field calibration is difficult and not recommended. Kele can provide factory custom calibration; please allow two weeks for delivery.

CAUTION: Not for use with ammonia.

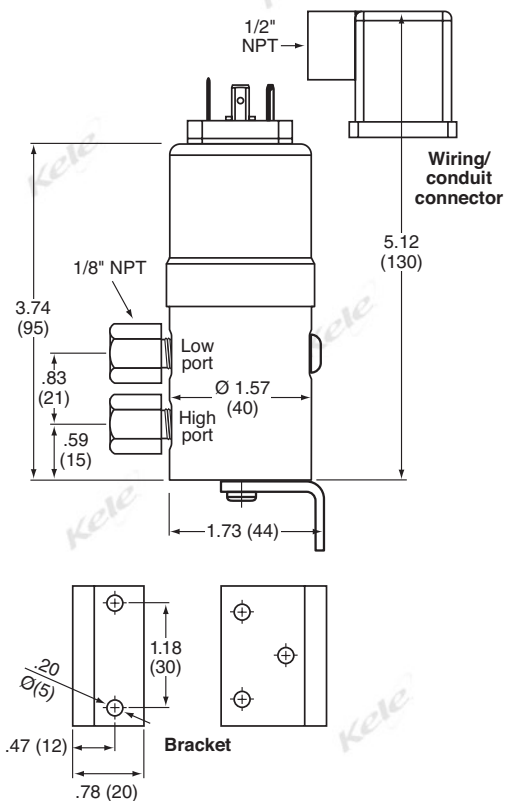


PRESSURE

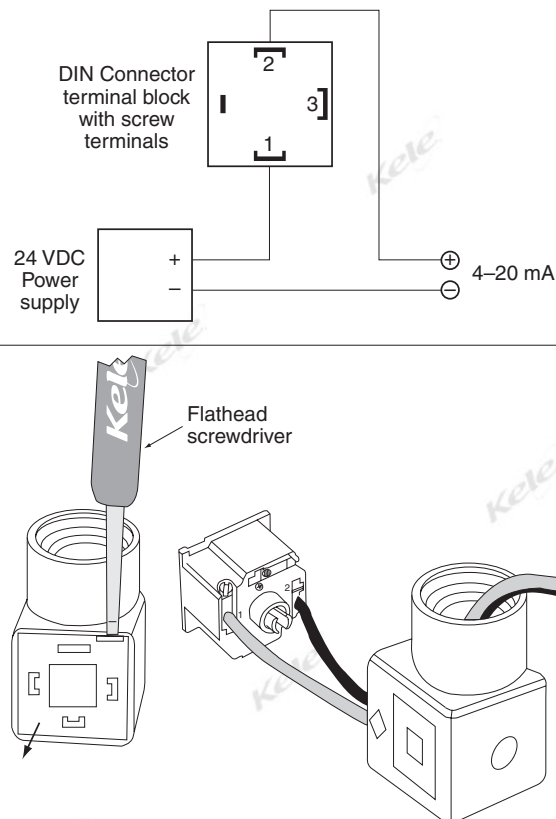
DIFFERENTIAL PRESSURE TRANSMITTER

DPW-692 SERIES

DIMENSIONS



WIRING



ORDERING INFORMATION

MODEL	DESCRIPTION
DPW-692-25-KIT	0-25 psid, 4-20 mA, 1/8" FNPT with bracket and conduit connector
DPW-692-35-KIT	0-35 psid, 4-20 mA, 1/8" FNPT with bracket and conduit connector
DPW-692-60-KIT	0-60 psid, 4-20 mA, 1/8" FNPT with bracket and conduit connector
DPW-692-100-KIT	0-100 psid, 4-20 mA, 1/8" FNPT with bracket and conduit connector
DPW-692-200-KIT	0-200 psid, 4-20 mA, 1/8" FNPT with bracket and conduit connector

To order a **DPW-692** pre-assembled in a five-valve bypass enclosure, replace -KIT with -BVA suffix.
To order a **DPW-692** pre-assembled with a three-valve manifold, replace -KIT with -3VLV suffix.
To order a **DPW-692** with factory custom range, add -C suffix to complete model number.
To order a **DPW-692** for use with refrigerants, add -R suffix after -KIT. A neoprene seal is used in place of Viton®. Not applicable with -BVA or -3VLV assemblies.

	RELATED PRODUCTS	PAGE
G5100-1101000	DIN 43650-A replacement conduit connector with gasket	
DCPA-1.2	Power supply, 120 VAC In to 24 VAC/24 VDC Out	994
DCP-1.5-W	Power supply, 24 VAC IN to 24 VDC OUT	995
101999	DPW-692 Series replacement mounting bracket with screws	