



# PRESSURE

## WET/WET DIFFERENTIAL PRESSURE REMOTE TRANSDUCER KDPWM SERIES

### DESCRIPTION

The Kele KDPWM Series remote wet media pressure transducers allow remote pressure sensing capability using existing plumbing runs. With no need to run plumbing lines all the way to the transducer, the installation time and cost is greatly reduced. Select either armored (6 ft.) or shielded (10 or 20 ft) cable, depending on the application.

NEW!



KDPWM Series shown with optional armored cable

### FEATURES

- Remote probes reduce need for plumbing or bypass assemblies...lower costs and reduced labor for installation
- Pushbutton zero calibration - no trim pots to adjust... maintain accuracy and prevent callbacks with automatic zero calibration
- Switch-selectable pressure ranges...fewer models to order and stock

### APPLICATION

- Monitoring and controlling pump differential pressure
- Chiller/boiler differential pressure drop
- CW/HW system differential pressure

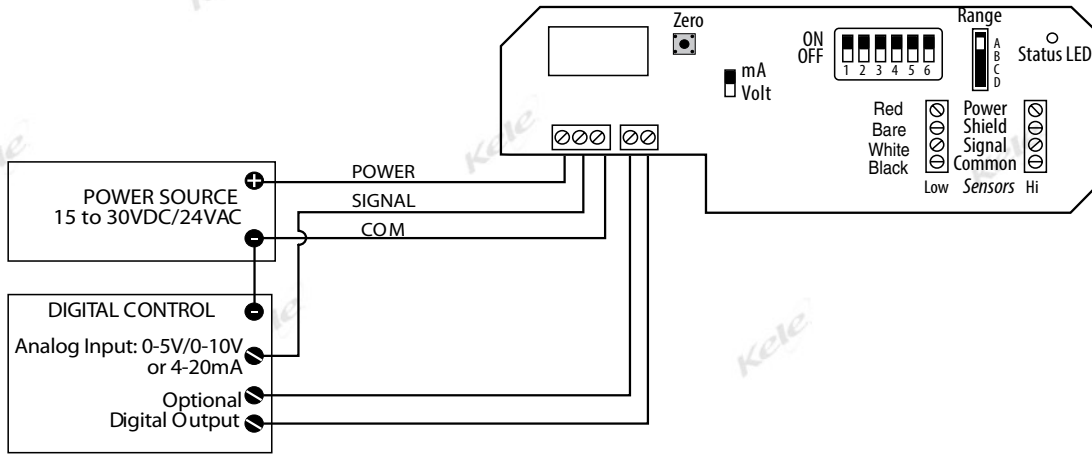
### SPECIFICATIONS

<b>Supply Voltage</b>	Current sourcing output 15 to 30 VDC @125mA	<b>Max Operating Pressure (Proof)</b>	(2x Full Scale range on order)
<b>Voltage output</b>	24 Vac Nominal @280mA	<b>0-50 psig</b>	100 psig
<b>Signal Output (Volts,Current)</b>	3 wire- 4-20mA, 0-10VDC or 0-5VDC Selectable	<b>0-100 psig</b>	200 psig
<b>Min Voltage Output Impedance</b>	<math>< > 5K\Omega</math>	<b>0-250 psig</b>	500 psig
<b>Max Current Output Impedance</b>	<math>< 450\Omega</math> @24VDC	<b>Operating Temperature</b>	14° to 122°F (-10° to 50°C)
<b>Accuracy</b>	(Includes Hys., Linearity, & Repeatability)	<b>Compensated Temp Range</b>	32° to 122°F (0° to 50°C)
<b>Ranges A &amp; B</b>	±1.0% Full scale	<b>Operating Humidity</b>	10 to 90% Non-condensing
<b>Range C</b>	±1.5% Full scale	<b>Wetted Parts</b>	17-4 stainless steel
<b>Range D</b>	±2.0% Full scale	<b>Media Compatibility</b>	Liquid/Gasses compatible w/17-4 SS
<b>Sensor Type</b>	Stainless steel diaphragm	<b>Process Connection</b>	1/4" MNPT
<b>Adjustments (Z/S)</b>	Push Button or remote contact Zero	<b>Wiring Terminations</b>	Terminals 3 signal, 8 sensor, 2 remote zero
<b>Normal Measurement Range (Field selectable within range)</b>		<b>Mounting</b>	2 Tabs with 2 holes and 4 slots
<b>0-50 psig</b>	5/10/25/50 psid	<b>Enclosure Rating</b>	ABS Plastic w/UL94 V-xx, IP65, NEMA 4
<b>0-100 psig</b>	10/20/50/100 psid	<b>Dimensions</b>	6.7"W x 3.1"H 2.4"D, (17 x 7.9 x 6.1 cm)
<b>0-250 psig</b>	25/50/125/250 psid	<b>Weight</b>	1.5 lbs (0.68kg)
<b>Display</b>	Dual color LED Red/Green, Green=Normal	<b>Approvals</b>	CE, RoHS
<b>Overpressure (Burst) (5x Full Scale range on order)</b>		<b>Warranty</b>	5 years
<b>0-50 psig</b>	250 psig		
<b>0-100 psig</b>	500 psig		
<b>0-250 psig</b>	1250 psig		



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### WIRING



Model	Multi Range Selection			
	A	B	C	D
0-50 psig	50	25	10	5
0-100 psig	100	50	20	10
0-250 psig	250	125	50	25

### ORDERING INFORMATION

MODEL	DESCRIPTION
KDPWM-50-06-A	Wet DP, with LCD, 50 PSI, 6 FT Cable, armored
KDPWM-50-10-N	Wet DP, with LCD, 50 PSI, 10 FT cable
KDPWM-50-20-N	Wet DP, with LCD, 50 PSI, 20 FT cable
KDPWM-100-06-A	Wet DP, with LCD, 100 PSI, 6 FT cable, armored
KDPWM-100-10-N	Wet DP, with LCD, 100 PSI, 20 FT cable
KDPWM-100-20-N	Wet DP, with LCD, 100 PSI, 10 FT cable
KDPWM-250-06-A	Wet DP, with LCD, 250 PSI, 6 FT cable, armored
KDPWM-250-10-N	Wet DP, with LCD, 250 PSI, 10 FT cable
KDPWM-250-20-N	Wet DP, with LCD, 250 PSI, 20 FT cable