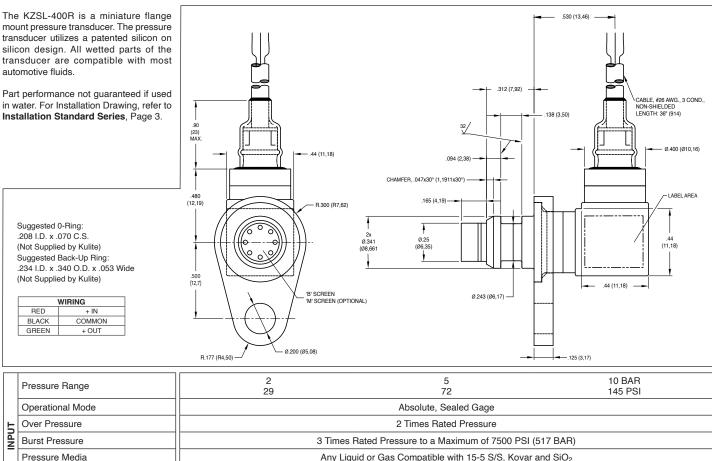
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KZSL-400R SERIES

- Robust Construction
- Excellent Long Term Stability
- Patented Leadless Technology VIS[®]
- Designed For Industrial And
- Automotive Applications



5	Over Pressure	2 Times Rated Pressure
INPUT	Burst Pressure	3 Times Rated Pressure to a Maximum of 7500 PSI (517 BAR)
	Pressure Media	Any Liquid or Gas Compatible with 15-5 S/S, Kovar and SiO ₂
	Maximum Electrical Current	25 mA
	Rated Electrical Excitation	8 to 16 VDC
OUTPUT	Full Scale Reading	4.5V ± 1.5% (3 Wire System Single Ended Output)
	Residual Unbalance	0.5V ± 75mV
	Output Impedance	<1000 Ohms
	Sensor Response Time	0.7 ms (Nom.)
	Combined Non-Linearity, Hysteresis and Repeatability	± 0.1% BFSL (Typ.), ± 0.25% BFSL (Max.)
	Resolution	Infinitesimal
	Insulation Resistance	100 Megohm Min. @ 50 VDC
ENVIRONMENTAL	Operating Temperature Range	-67°F to +365°F (-55°C to +185°C)
	Compensated Temperature Range	+68°F to +347°F (+20°C to +175°C)
	Total Error Band (Excluding End Points)	± 2% FS/100 °C
	Linear Vibration	50g Peak, Sine 130-5000 Hz. (Max.)
	Mechanical Shock	20g half Sine Wave 11 msec. Duration
PHYSICAL	Electrical Connection	3 Conductor 26 AWG Non-Shielded Cable 36" (914) Long
	Weight	15 Grams (Nom) Excluding Cable
H	Pressure Sensing Principle	Fully Active Four Arm Wheatstone Bridge Dielectrically Isolated Silicon on Silicon Patented Leadless Technology

Note: Custom pressure ranges, accuracies, mechanical configurations. Dimensions are in inches. Dimensions in parenthesis are in millimeters. All dimensions nominal. (C) Continuous development and refinement of our products may result in specification changes without notice. Copyright © 2022 Kulite Semiconductor Products, Inc. All Rights Reserved. Kulite miniature pressure transducers are intended for use in test and research and development programs and are not necessarily designed to be used in production programs, please consult the factory.

