



### JTZSE4 Digital Control Switch

#### For Non-Corrosive Gases

Non-Corrosive Gases Model [Compound and Low Pressure]. This popular standard model is a compact multi-purpose compound pressure gauge specifically designed to cover negative to normal pressure. A Rear Mount Bracket option is available.

#### Features:

- Full 3-digit red LED display - gives a clear indication even in low light locations.
- Proven IP65 grade gauge body is suitable for industrial installations.
- Small, space-saving 30mm square face design.
- 2-point switch output with a total of eight operation modes possible.
- Analog output 1-5V in addition to the 2-point switch output.
- 8 different pressure units are available for selection.

### Digital Vacuum / Pressure Control Switches Specifications

Pressure Port	Diaphragm Material	Net Weight (Including 2 m cable)	Accessories
Aluminum die-casting Rc 1/8 female, 2 places	Silicone, Single Crystal	Approx. 80 g (2.82 oz.)	Unit Seal, Seal Screw, M5 Connecting Joint Screw

### Pressure Reference: Gauge - Pressure Setting Range

Rated Pressure Range	kPa	gf/cm sq	mmHg	mbar	psi	Breakdown Pressure
-100 to 1000 kPa	-999 to 999	-999 to 999	-760 to 760	n/a	-14.5 to 14.5	500 kPa

### Switch Output

General Specifications	Hysteresis	Repeatability	Response	Short Circuit Protection
2-Point Output, PNP transistor open collector, Capacity: 30 V Dc 100 mA max., Residual Voltage: 1.2 V or below (At load current of 100 mA)	0 - 300 digits (adjustable)	+/- 0.2% F. S. +/- 1 digit	5 ms maximum	Provided

### Output Mode Setting (Detected Pressure - Pin)

Output Mode	R Mode	G Mode	V Mode	Output Voltage Vo
Pin (H)	+Pr	-Pr	-Pr	Vo(H)

### Environmental Characteristics

Protection Grade	Operating Temp. Range	Operating Humidity	Insulation Resistance	Dielectric Strength	Vibration	Shock
IP65 (Pressure Gauge Body): Conforming to IEC	-10° to 50° C (Storage Temp.: 20° to 70° C)	35 to 85% Relative Humidity	More than 100 M ohm at DC 500 V between wire bundle and pressure port	One minute at AC 500 V between wire bundle and pressure port (Leak current: Less than 1mA)	10-55 Hz Amplitude 0.75 mm, 3 directions, 2h each	+/-3% F. S. (0 ± 50° C)

► This spec sheet was adapted for print from our website. Additional information and photos are available at [www.anver.com](http://www.anver.com). 0112301



# Vacuum System Accessories

## Vacuum and Pressure Switches

### General

Analog Output	Display	Negative Pressure Display	Switch State Indication
Output Voltage: 1 -5 V (Zero point 1V ± 0.2 V Span 4 V ± 0.2 V) Output Impedance: 10k ohm Resolution: 1/204	Full 3 digit LED (Sampling Cycle: 4/second)	Negative Pressure LED is on	Output 1 (green) and output 2 (red) light up when output is on: Thermal Error

### Mounting Kit

ANVER Item No.	Description
JT2SE4-PMK	Mounting Kit for JTZSE4

