



JTZSE 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.

ANVER Model JTZSE-R2 Digital Control Switch

For Liquids or Gases

This special High Corrosion Resistant Model [Compound and Absolute Pressure] has pressure port attachments made of SUS 316L stainless steel for exact, accurate pressure control to cover a broad range of applications.

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

ANVER Item No.	Pressure Port	Diaphragm Material	Net Weight (Including 2 m cable)	Accessories
JTZSE	Aluminum die-casting Rc 1/8 female, 2 places	Silicone, Single Crystal	Approx. 80 g	Unit Seal, Seal Screw, M5 Connecting Joint Screw
JTZSE-R2	Mounting: R 1/4, with M5 Female	SUS316L	Approx. 150 g	Unit Seal

Pressure Reference: Gauge - Pressure Setting Range

ANVER Item No.	Rated Pressure Range	kPa	gf/cm sq	mmHg	mbar	psi	Breakdown Pressure
JTZSE	-100 to 1000 kPa	-999 to 999	-999 to 999	-760 to 760	n/a	-14.5 to 14.5	500 kPa
JTZSE-R2	-100 to 100 kPa	-99.9 to 99.9	-999 to 999	-760 to 760	-999 to 999	-14.5 to 14.5	300 kPa

Switch Output

ANVER Item No.	General Specifications	Hysteresis	Repeatability	Response	Short Circuit Protection
JTZSE	2-Point Output, NPN/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)

ANVER Item No.	Output Mode	R Mode	G Mode	V Mode	Output Voltage Vo
JTZSE	Pin (H)	+Pr	-Pr	-Pr	Vo(H)
JTZSE-R2	Pin (L)	-Pr	O	O	Vo(L)

► This spec sheet was adapted for print from our website. Additional information and photos are available at www.anver.com. 6041201



Vacuum System Accessories

Vacuum and Pressure Switches

Environmental Characteristics

ANVER Item No.	Protection Grade	Operating Temp. Range	Operating Humidity	Insulation Resistance	Dielectric Strength	Vibration	Shock
JTZSE JTZSE-R2	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 direc- tions, 2h each	+/-3% F. S. (0 ± 50° C)

General

ANVER Item No.	Analog Output	Display	Negative Pressure Display	Switch State Indication
JTZSE JTZSE-R2	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

