

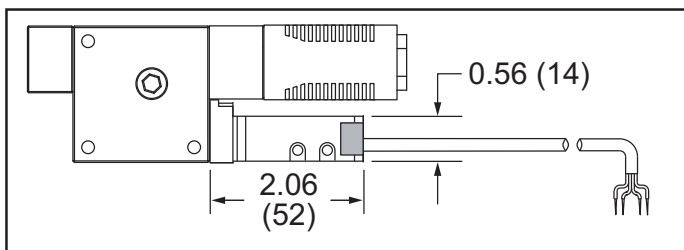


Electronic Vacuum Switch (JTSE)

The JTSE Electronic Vacuum Switch converts the vacuum level into digital output for connection to PLC systems as well as into analog output for the on/off control. The JTSE Switch will allow continuous feedback and adjustment capability over a 0 to 29.5 in Hg range. This switch features a PNP Open Collector Output Transistor Configuration. (For NPN configuration see ANVER Pressure Switch Model JTSE-NPN.) **Note:** ANVER standard unit is PNP.

Calculation Range: -1/0 bars
Overpressure: +3 bars

The JTSE Electronic Vacuum Switch connects easily and conveniently to ANVER JB Series Vacuum Generators under the nozzle and muffler.



Specifications

Compatible Fluids	All non-corrosive, filtered, non-lubricated gases
Power Supply	10.8 - 30 V DC, regulated
Current Draw	17 mA at 30 V DC
Insulation Resistance	100 M ohms minimum at 500 V DC
Transistor Output	N.O. 28 V DC, 80 mA Maximum
Analog Output	1 ± 0.1 V ~ 5 ± 0.1 V DC
Accuracy At	± 0.3% of measuring scale at constant temperature
Output Display	Adjustable hysteresis output - 1 analog output
Pressure Adjustment	Potentiometer, 3 turns
Hysteresis	1 to 15%, 3/4 turn
Response time	1 ms
Materials	Polyacetal and polycarbonate
Dielectric resistance	500 V AC, 1 minute
Operating Temperature	-4° to 158° F [storage: -4° to 176° F] (-20 to +70°C [storage: -20 to +80°C])
Protection Class	IP 40 - 35 at 85% humidity
Electrical Connection	Cable (1.5 meters long)
Pneumatic Connection	R1/8 male + M5 female
Weight	1.76 oz. (50 g)

► This spec sheet was adapted for print from our website. Additional information and photos are available at www.anver.com. 3001011

36 Parmenter Road • Hudson MA 01749 USA • 978-568-0221 • 800-654-3500 • FAX 978-568-1570 • www.anver.com • E-Mail: sales@anver.com