

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

V500 Value Vacuum Switch

Technical Specifications

No.	Name	Requirements
1	Setpoint Range	2.0 - 29.5" Hg
2	Setpoint Tolerance	See Table III
3	Temperature Range	-65° F to + 225° F
4	Leak Rate	≤1.0 x 10^{-3} cc/min Air ("Bubble Tight")
5	Weight	2.5 oz (typical with 12 inch "W3" electrical interface)

RoHS compliant

Value

Electrical Rating

Max. Amp Rating	Volts AC/DC	Amp Resistive	Amp Inductive	Contact Material
1	115/28	1/1	1/0.5	Gold
5	250/28	5/5	5/3	Silver
7	250/28	7/7	7/4	Silver



Material Specifications V500

Wetted		Non Wetted	
Body/Fitting	Steel, Zinc Chromate Finish, Brass	Electrical Interface	Steel, Zinc Chromate Finish
Locking Compound	Loctite #277	Lock Ring	Steel, Zinc Chromate Finish
O-Ring	Buna N*		
Sensor	17-7PH Stainless Steel		

* Standard material, other options are available, consult with factory

Vacuum Switch Adjustment (if field adjustable)
This model may be adjusted by loosening the Lock Ring and turning the electric switch housing clockwise to raise the set point, counter clockwise to lower the set point. Holding the electric switch housing in position, tighten the Lock Ring and check the set point. Repeat preceding adjustment instructions if necessary.

Note: V500 Series sensor will be damaged if positive pressure is applied

Operating Vacuum Range and Standard Tolerances

Table III - Vacuum Setpoints V500 Series

Sensor	Max Operating Pressure (" Hg)	Setpoint Range (" Hg)	Setpoint Tolerance (±) (" Hg)	Reset Band (" Hg)
3	30.0	2.0 - 29.5	± 1.5	2.0 - 4.0
5	30.0	10.0 - 29.5	± 1.5	3.0 - 7.0

Custom specifications available

TAMO

Tamo Limited,
22 Sarum Complex, Salisbury Road, Uxbridge
Middlesex.
UB8 2RZ
Tel: 01895 200015
E-Mail: info@tamo.co.uk Website: www.tamo.co.uk

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP