

## VACUUM transmitters and display units – DVG series



- ❖ *Measurement range 0 to 760 mm of Hg*
- ❖ *Space saving rugged design- 1/8 DIN console*
- ❖ *Mounts in any orientation*
- ❖ *Stainless steel body measuring cell with metal-sealed feed through*
- ❖ *with universal power supply – input voltage from 90 ~ 264VAC*
- ❖ *integrated set point adjustment and relay output*
- ❖ *Easy To Read 4 Digit Backlit Display*
- ❖ *Dual Set Point Controller With 2 Relays (optional)*



The UVS **Model DVG series** Vacuum Gauge Controller displays vacuum pressure as measured from a vacuum transmitter.

**\*\*\*The optional RS232 along with analog output 0 to 10V and 4 to 20 mA facility can be obtained on request**

### Applications

- Controlling high vacuum systems
- Fore vacuum pressure monitoring
- Safety circuits in vacuum systems
- General vacuum measurement & control in the fine and rough vacuum range.

## Technical Specifications:

Details of Pressure Transmitter		Details of Digital Indicator	
Make, Model	: Afriso (Germany), DMU		
Service	: Air/ water		
Accuracy	: +/- 1% FSO		
Connection	: G1/2"BSP	Display	: 3 1/2 digit LED, 0.5" height
Electrical connection plug	: DIN 43650-4	Mounting type	: Panel Mounted
Measuring principle	: Poly silicon thin film	Cutout Size	: 92 x 92 mm
Output	: 4-20 mA 2-wires	Indicator Enclosure	: Dustproof IP 40
Pressure Range	: 0 to 760 mmHg	Dimensions	: 96 X 96 X 110 mm
Max. Pressure	: 1.5 Times of Working Pressure.	Accuracy	: Better than 1% of reading
Max.Temp of the medium	: -25 to 100 degree Celsius	Operating Temperature	: 0 to 70 degree Cel
Supply voltage	: DC 12-36 V	Input Sensor	: 4 to 20 mA from Pressure Sensor
Wetted parts	: Stainless steel	Power Supply	: 230 V AC, 50
Enclosure	: IP 65	Relay	: 5A, 230 V AC

### **CALIBRATION:**

**Unique Vacuum Solutions** offers a convenient recalibration service to help users of vacuum measurement pirani/ thermocouple/ full range gauges to maintain all of their vacuum gauges in Certified and peak condition, regardless of the original manufacturer. All makes of vacuum gauges can also be calibrated / repaired if required. The calibration certificates are available only on request at additional cost. Pl contact before ordering.

### **UNIQUE VACUUM SOLUTIONS**

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