

VGD500

Pressure Display for CDG

The INFICON Vacuum Gauge Display VGD500 connects to our CDG product line to provide a 4 Digit Display. It's a small unit which displays the pressure of the gauge. The pressure reading is selectable in pressure unit Torr, mTorr, mbar and Pa.



ADVANTAGES

- 4 Digit display for easy read out
- Large 10 mm active LED display readable from distance and wide range gauge of angle
- In-line plug design
- 15pin D-Sub, no extra power connection
- Compact small size
- Compatible with all Fullscale; 100 mTorr
- Pressure Units selectable (Torr, mTorr, mbar and Pa)
- CE certified



VGD500

ORDERING INFORMATION	
Туре	VGD500
VGD500 Vacuum Gauge Display	399-653

Display Connection Gauge Side Measurement cable side D-Sub, 15-pin, female D-Sub, 15-pin, male digital input RS232 Torr (default), mTorr, mbar, Pa Supply Power consumption ≤1 W Voltage +14 - +30 V(dc) or +/- 15 V(ac) Degree of protection IP 40 Temperature Operation +5 - +50 °C Storage -20 - +85 °C Use indoors only Connectable gauges in the measurement Range (FS) 0.1 mbar/ Torr to 1000 mbar/Torr	SPECIFICATIONS	
Connection Gauge Side Measurement cable side D-Sub, 15-pin, female D-Sub, 15-pin, male D-Sub, 15-pin, female D-Sub, 15-pin, penale 10 Sub, 15-pin, penale 10 Sub, 15-pin, female D-Sub, 15-pin, penale 10 Sub, 15-pin, 10 10 Sub, 10 Sub, 15-pin, 10 10 Sub, 15-pin, 10 10 Sub, 15-pin, 10 10 Sub, 15-pin, 10 10 Sub, 10 Su	Туре	VGD500
Gauge SideD-Sub, 15-pin, femaleMeasurement cable sideD-Sub, 15-pin, maleSignaldigital input RS232Pressure unit (adjustable)Torr (default), mTorr, mbar, PaSupplySupplyPower consumption≤1 WVoltage+14 - +30 V(dc) or +/- 15 V(ac)Degree of protectionIP 40TemperatureOperation+5 - +50 °CStorage-20 - +85 °CUseindoors onlyConnectable gauges in the measurement Range (FS) 0.1 mbar/Torr to 1000 mbar/TorrCDG025D / -S, CDG025D-X3, CDG045D CDG200D, CDG045D2 CDG100D2Weight58 g	Display	4 digits
Measurement cable sideD-Sub, 15-pin, maleSignaldigital input RS232Pressure unit (adjustable)Torr (default), mTorr, mbar, PaSupplySupplyPower consumption≤1 WVoltage+14 - +30 V(dc) or +/- 15 V(ac)Degree of protectionIP 40TemperatureOperation+5 - +50 °CStorage-20 - +85 °CUseindoors onlyConnectable gauges in the measurement Range (FS) 0.1 mbar/ Torr to 1000 mbar/TorrCDG025D / -S, CDG025D-X3, CDG045D CDG200D, CDG045D2 CDG100D2 measurement Range (FS) 0.1 mbar/ Torr to 1000 mbar/TorrWeight58 g	Connection	
Signal digital input RS232 Pressure unit (adjustable) Torr (default), mTorr, mbar, Pa Supply Power consumption ✓ 1 W Voltage +14 - +30 V(dc) or +/- 15 V(ac) Degree of protection IP 40 Temperature Operation +5 - +50 °C Storage -20 - +85 °C Use indoors only Connectable gauges in the measurement Range (FS) 0.1 mbar/ Torr to 1000 mbar/Torr Weight 58 g	Gauge Side	D-Sub, 15-pin, female
Pressure unit (adjustable) Torr (default), mTorr, mbar, Pa Supply ≤1 W Power consumption ≤1 W Voltage +14 - +30 V(dc) or +/- 15 V(ac) Degree of protection IP 40 Temperature Operation Operation +5 - +50 °C Storage -20 - +85 °C Use indoors only Connectable gauges in the measurement Range (FS) 0.1 mbar/Torr to 1000 mbar/Torr CDG025D / -S, CDG025D-X3, CDG045D CDG200D, CDG045D2 CDG100D2 Weight 58 g	Measurement cable side	D-Sub, 15-pin, male
Supply Power consumption Voltage +14 - +30 V(dc) or +/- 15 V(ac) Degree of protection Temperature Operation Storage Use Connectable gauges in the measurement Range (FS) 0.1 mbar/Torr to 1000 mbar/Torr Weight Sel W +14 - +30 V(dc) or +/- 15 V(ac) IP 40 +5 - +50 °C C to indoors only CDG025D / -S, CDG025D-X3, CDG045D CDG200D, CDG045D2 CDG100D2 58 g	Signal	digital input RS232
Power consumption Voltage +14 - +30 V(dc) or +/- 15 V(ac) Degree of protection IP 40 Temperature Operation Storage Operation Storage Connectable gauges in the measurement Range (FS) 0.1 mbar/ Torr to 1000 mbar/Torr Weight ≤1 W +14 - +30 V(dc) or +/- 15 V(ac) IP 40 FOR STOREM	Pressure unit (adjustable)	Torr (default), mTorr, mbar, Pa
Voltage+14 - +30 V(dc) or +/- 15 V(ac)Degree of protectionIP 40TemperatureProperationOperation+5 - +50 °CStorage-20 - +85 °CUseindoors onlyConnectable gauges in the measurement Range (FS) 0.1 mbar/Torr to 1000 mbar/TorrCDG025D / -S, CDG025D-X3, CDG045D CDG200D, CDG045D2 CDG100D2Weight58 g	Supply	
Degree of protection IP 40 Temperature Operation +5 - +50 °C Storage -20 - +85 °C Use indoors only Connectable gauges in the measurement Range (FS) 0.1 mbar/ Torr to 1000 mbar/Torr Weight 58 g	Power consumption	≤1 W
Temperature Operation	Voltage	+14 - +30 V(dc) or +/- 15 V(ac)
Operation +5 - +50 °C Storage -20 - +85 °C Use indoors only Connectable gauges in the measurement Range (FS) 0.1 mbar/ Torr to 1000 mbar/Torr Weight 58 g	Degree of protection	IP 40
Storage -20 - +85 °C Use indoors only Connectable gauges in the measurement Range (FS) 0.1 mbar/ Torr to 1000 mbar/Torr Weight 58 g	Temperature	
Use indoors only Connectable gauges in the measurement Range (FS) 0.1 mbar/ Torr to 1000 mbar/Torr Weight CDG025D / -S, CDG025D-X3, CDG045D CDG200D, CDG045D2 CDG100D2	Operation	+5 - +50 °C
Connectable gauges in the measurement Range (FS) 0.1 mbar/ Torr to 1000 mbar/Torr Weight CDG025D / -S, CDG025D-X3, CDG045D CDG200D, CDG045D2 CDG100D2 58 g	Storage	-20 - +85 °C
measurement Range (FS) 0.1 mbar/ Torr to 1000 mbar/Torr Weight 58 g	Use	indoors only
	Connectable gauges in the measurement Range (FS) 0.1 mbar/Torr to 1000 mbar/Torr	CDG025D / -S, CDG025D-X3, CDG045D CDG200D, CDG045D2 CDG100D2
Dimensions 50x63x34 mm	Weight	58 g
	Dimensions	50x63x34 mm



www.inficon.com

reachus@inficon.com