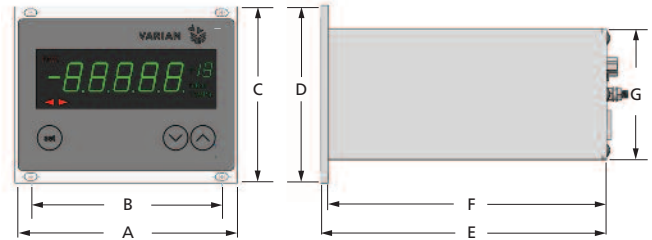


# AGC-100/AGD-100



Outline Drawing  
AGC-100 and AGD-100



	A	B	C	D	E	F	G
AGC-100	106 (4.2)	91 (3.6)	78 (3.1)	84 (3.3)	210 (8.3)	207 (8.2)	67 (2.6)
AGD-100	106 (4.2)	91 (3.6)	78 (3.1)	84 (3.3)	136 (5.3)	132 (5.2)	62 (2.4)

Dimensions: millimeters (inches)

AGC-100 is single channel controller compatible with the FRG 7xx, PVG-5xx, PCG-75x and CDG-500 series of active gauges and automatically identifies the active gauge connected.

AGD-100 is a low cost single channel display option for the FRG-700/702, PVG-5xx and PCG-75x series of active gauges.

Both units have user selectable measurement unit (mbar, Torr, Pascal), and adjustable setpoint control.

## Features

- Automatic identification of Varian active gauges
- User selectable pressure units (mbar, Torr, Pascal)
- Adjustable setpoint control

## Benefits

- Ease of setup
- Global compatibility
- Utilize pressure readings to perform critical operations

# AGC-100/AGD-100

Technical Specifications	
Measurement channels	One (1)
Measurement range	2 x 10 <sup>-10</sup> to 1500 mbar (1.5 x 10 <sup>-10</sup> to 1125 Torr)
Measurement unit (selectable)	mbar, Torr, Pascal
Rate	10/sec
A/D Converter	16 bit
Setpoints	
Setpoint relays	One (1)
Channel assignment	One (1)
Relay contact	Potential free change over contact
Hysteresis	Adjustable
Contact rating	30 VAC/1A; 60 VDC/0.5A
Connector	D-Sub, 9 pin, male
Display	LED
Analog output	
Range	0-10.3 V, sensor analog output signal
Connector	D-Sub, 9 pin, male
Supply	90-250 V, 50/60 Hz
Consumption	≤ 30W
Operation Temperature (ambient)	5 to 50 °C
Digital Interface (AGC-100 only)	RS-232C ; D-Sub, 9 pin, female

Ordering Information	
Description	Part Number
Active Gauge Controller for FRG 7xx, PVG-5xx, PCG-75x and CDG-500 Series	AGC100
Gauge display for FRG-700/702 and PVG-5xx and PCG-75x Series	AGD100
<b>Accessories</b>	
Front adapter for controller, rack adaptor, 3u	AGC100ADPT
Cable (FRG700/702, PVG, PCG) – 3 m / 9.9 ft	AGCCBL103
Cable (FRG700/702, PVG, PCG) – 5 m / 16.4 ft	AGCCBL105
Cable (FRG700/702, PVG, PCG) – 10 m / 33 ft	AGCCBL110
Cable (FRG720/730) – 3 m / 9.9 ft	AGCCBL203
Cable (FRG720/730) – 5 m / 16.4 ft	AGCCBL205
Cable (FRG720/730) – 10 m / 33 ft	AGCCBL210
Cable (CDG500) – 3 m / 9.9 ft	AGCCBL303
Cable (CDG500) – 5 m / 16.4 ft	AGCCBL305
Cable (CDG500) – 10 m / 33 ft	AGCCBL310

