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leybold vacuum

GRAPHIX[®] Series Controllers for active sensors

Touch and feel the difference

**20% Special
Introductory
Discount*
until 9/30/2015**



GRAPHIX® Series

Smart monitoring and control of active sensors

New range of controllers with 1, 2 or 3 measurement channels

GRAPHIX® represents the latest series of multipurpose single and multi-channel operating instruments for active sensors.

The GRAPHIX® controller offers the complete coverage and control of vacuum pressures in the range between 10⁻¹⁰ mbar and 2000 mbar.

Customer Benefits

- 3.5" TFT touch graphics display with intuitive user interface
- Easy-to-read curve or bargraph display
- Internal parameter display and event storage including data-logging capability
- USB interface for PC connection, data logging and readout at the front
- Visualization via LEYASSIST software on a PC
- Adjustable switching thresholds with variable hysteresis, floating change-over contacts and visual indication of the switching status in the display, freely assignable to the individual measurement channels
- RS 232 C / RS 485 C interfaces with adjustable Baud rate
- Readout selectable between mbar, Torr, Micron, Pascal or Psi
- Compact benchtop housing (1/4 19-in., 3 HU)

Universally Applicable

The GRAPHIX® controller can be used wherever active sensors are operated.

Full Coverage

Connection of active sensors for direct pressure measurements, including:

- Capacitance gauges
- Piezo pressure sensors
- Thermal conductivity vacuum gauges (Pirani)
- Cold cathode ionization gauges (Penning)
- Hot cathode ionization gauges (Bayard-Alpert)

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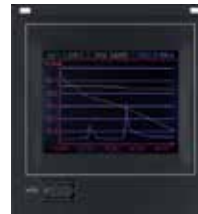
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GRAPHIX® Details

Trend view of all channels can be displayed (left); connections and plug type/sizes (right)



Technical Data

Display range	mbar	10 ⁻¹⁰ - 2000
Number of measurement channels		1 (GRAPHIX® ONE), 2 (GRAPHIX® TWO), 3 (GRAPHIX® THREE)
Unit of measurement (selectable)		mbar, Torr, Micron, Pascal, Psi
Gas type correction		factor adjustable
Possible active sensors		
CERAVAC®		CTR 90/91, CTR 100/101
Linear pressure sensors		DU 200/201, DU2000/2001/2001 rel.
THERMOVAC®		TTR 90/91/91N/96S/96SN, TTR 100/100S2/101/101N/1012N, TTR211/216S/911/011N/916/916N
PENNINGVAC®		PTR 90, PTR 225/237
IONIVAC®		ITR 90/100/200
Active sensors from other brands		upon request
Sensor connection		25-way Sub-D socket and FCC68 (RJ45)
Adjustable switching thresholds		independently assignable to the measurement channels
Number		6
Adjustment range		sensor dependent
Hysteresis		adjustable
Relay contact		floating changeover contact
Load rating		1 A / 30 V AC / 30 V DC
Interfaces		RS 232 C, RS 485 C with adjustable Baud rate
Dimensions (W x H x D)	mm	106.4 x 128.5 x 164.5
Protection class		IP 40

Ordering Information

GRAPHIX® controller with EURO and US mains connection	Cat. No.	GRAPHIX® ONE: 230680V01
		GRAPHIX® TWO: 230681V01
		GRAPHIX® THREE: 230682V01

*Special Introductory Discount cannot be combined with any other discounts. Pricing valid through September 30, 2015.

For detailed information please refer to our full line catalog or contact us.

