VacTest

Active Sensor Controllers
CTR 002 / 004

BUSCH
Vacuum Pumps and Systems

The two Active Sensor Controllers CTR 002 and CTR 004 are compact control units for simultaneous operation with two or four vacuum gauges. Used either as table top or as rack mount, they allow intuitive menu navigation and ensure a full control of each transmitter. Parameters such as gas type correction factor, pressure units, setpoints and other beneficial functions are easily adjustable.

- Automatic identification of active gauges
- Data logger and parameter settings via USB
- Full remote control via VacTest explorer software
- RS232 and USB interfaces
- Worldwide compatibility
- EMI compatible

VacTest CTR 002

Technical data		CTR 002 / 004
Measurement channels		2 / 4
Compatibility	CTR 002	All Digital Transmitters and 0–10 V Analog Transmitters
	CTR 004	All Digital Transmitters
Display		LCD graphic display, background illumination, resolution 128 x 64
Display refresh rate	Hz	2
Measurement unit		mbar, bar, mTorr, Torr, Pa, hPa
Inputs		0–10 V, RS485 / RS485
Sample rate	CTR 002	RS485: 12.5 Hz, 0–10 V: 50
	CTR 004	RS485: 12.5 Hz
Serial interface		USB type B, RS232 (3.5 mm jack)
Power supply		95–265 VAC, 50 / 60 Hz
Electrical connection		IEC-320 C14
Max. power consumption	W	25 / 45
Setpoint relay	CTR 002	2 dry contacts, Phoenix strip terminal 6 poles, lifetime > 300.000 cycles
	CTR 004	4 dry contacts, Phoenix strip terminal 6 poles, lifetime > 300.000 cycles
Relay contact rating		4 A, 250 VAC / 2 A, 45 VDC
Operating temperature	°C	+5 ... +50
Protection class		IP20
Approximate weight	g	750 / 800
Dimensions (L x W x H)	mm	70.8 x 128.4 x 178

Controller	Part number
Active Sensor Controller CTR 002, 2 channels	0656202928
Active Sensor Controller CTR 004, 4 channels	0656202929
Power cord	0659930583

Connection	Part number
USB interface cable for PC	0671204565

Software	Part number
VacTest explorer, Pro version	0870203191

For the entire product range please refer to the corresponding leaflets.

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