

# VACTEST CTR 002 / CTR 004

Active sensor controller



**VACUUM SOLUTIONS**

Part of the **BUSCH** GROUP



## Intelligent

Automatic identification of active vacuum gauges

## Reliable

Full control of each transmitter

## Efficient

Worldwide compatibility

Accessories, spare parts and options

- USB interface cable
- VACTEST Explorer Pro

# VATEST CTR 002 / CTR 004

Active sensor controller



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|                        | VATEST CTR 002                                                            | VATEST CTR 004                                                            |
|------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------|
| Measurement channels   | 2                                                                         | 4                                                                         |
| Compatibility          | All Digital Transmitters and 0–10 V Analog Transmitters                   | All Digital Transmitters                                                  |
| Display                | LCD graphic display, background illumination, resolution 128 x 64         | LCD graphic display, background illumination, resolution 128 x 64         |
| Display refresh rate   | 2 Hz                                                                      | 2 Hz                                                                      |
| Measurement units      | mbar, bar, mTorr, Torr, Pa, hPa                                           | mbar, bar, mTorr, Torr, Pa, hPa                                           |
| Inputs                 | 0–10 V, RS485                                                             | RS485                                                                     |
| Sample rate            | RS485: 12.5 Hz, 0–10 V: 50 Hz                                             | RS485: 12.5 Hz                                                            |
| Serial interface       | USB type B, RS232 (3.5 mm jack)                                           | USB type B, RS232 (3.5 mm jack)                                           |
| Power supply           | 95–265 VAC, 50/60 Hz                                                      | 95–265 VAC, 50/60 Hz                                                      |
| Electrical connection  | IEC-320 C14                                                               | IEC-320 C14                                                               |
| Max. power consumption | 25 W                                                                      | 45 W                                                                      |
| Setpoint relay         | 2 dry contacts, Phoenix strip terminal 6 poles, lifetime > 300,000 cycles | 4 dry contacts, Phoenix strip terminal 6 poles, lifetime > 300,000 cycles |
| Relay contact rating   | 4A, 250 VAC / 2A, 45 VDC                                                  | 4A, 250 VAC / 2A, 45 VDC                                                  |
| Operating temperature  | +5 ... +50 °C                                                             | +5 ... +50 °C                                                             |
| Protection class       | IP20                                                                      | IP20                                                                      |
| Weight approx.         | 750 g                                                                     | 800 g                                                                     |
| Dimensions (L x W x H) | 70.8 × 128.4 × 178 mm                                                     | 70.8 × 128.4 × 178 mm                                                     |

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!  
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