

# Universal Multi-channel Controller

8619

## 1/4" DIN Panel Mount

- Flexible analytical and flow transmitter
- Unique flexibility
- Intuitive programming



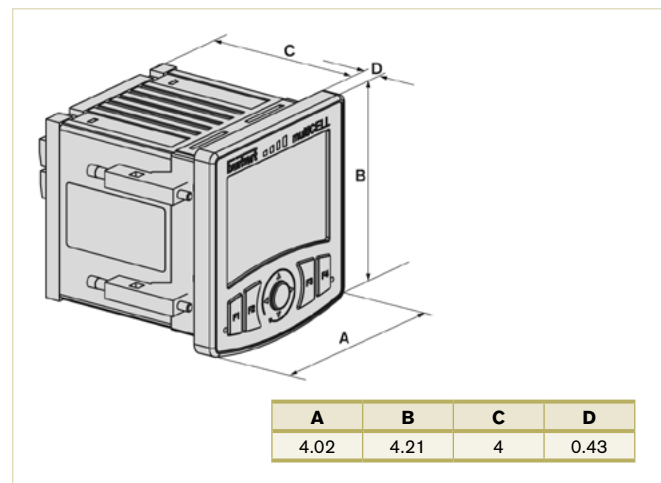
Bürkert's 8619 transmitter/controller is the latest addition to Bürkert's process control program. The 1/4DIN panel mounted controller incorporates a large backlit LCD display for viewing up to 6 possible process variables including up to two analytical instruments, two temperatures and up to 3 hall flow sensors. Additional input and output modules can be added to further enhance the controller's capabilities with additional 4-20mA and binary inputs and outputs. An SD card is standard for data logging and up/down loading of parameterization files.

### Technical Data

<b>pH input</b>	-2.00...+16.00 (-600...+6000 mV)
<b>ORP Redox input</b>	-2000...+2000 mV
<b>Conductivity input</b>	0 μS/cm ... 2 S/cm
<b>pH/ORP/cond temp input</b>	Pt100 / Pt1000
<b>Digital input</b>	Voltage: 5-36 V DC, 2 to 2500 Hz
<b>Analog output</b>	4 ... 20 mA 1100 Ω at 36 V DC 610 Ω at 24 V DC 100 Ω at 12 V DC
<b>Digital output</b>	PNP/NPN Max. 700 mA Max. 2000 Hz
<b>Cover, vision panel / Overlay</b>	PC / Silicone rubber
<b>Display</b>	Light blue backlighted; 128 x 168 pixels
<b>Languages</b>	English, French, German
<b>Mounting panel</b>	92mm x 92mm DIN cutout
<b>Ambient temperature range</b>	14 to 140 °F - Limited at 32 to 140 °F if memory card is used
<b>Ingress protection</b>	IP65, NEMA 4X
<b>Storage temperature</b>	-4 to 140 °F
<b>Voltage supply</b>	12...36 VDC
<b>Protection</b>	Reversed polarity of DC and peak protected
<b>Accreditations</b>	UL Recognized (cURus)
<b>Current consumption</b>	100 mA at 12 V DC 50 mA at 24 V DC
<b>Data logging</b>	SD Card
<b>Data retention</b>	EEPROM, Real time clock

UL Recognized (cURus) pending (consult Bürkert for details).

### Envelope Dimensions [inch] (see datasheet for details)



### Ordering Chart

Description	Digital Inputs	Raw signals	RTD	Digital Outputs	Analog	Item no.
BASE unit				2	2	560 213
pH/ORP transmitter	2	1 (pH/ORP)	1	2	2	560 208
pH/ORP transmitter	2	2 (pH/ORP)	2	4	4	560 210
CONDUCTIVITY transmitter	2	1 (Cond.)	1	2	2	560 209
CONDUCTIVITY transmitter	2	2 (Cond.)	2	4	4	560 211
pH/ORP and CONDUCTIVITY transmitter	2	1 (pH/ORP) + 1 (Cond.)	2	4	4	560 212