



# Electronic Pressure Switches with analog output signal

**BD|SENSORS**  
pressure measurement



- ▶ Nominal pressure range 0...10 mbar to 0...600 bar
- ▶ Various pressure ports: Inch, NPT, Clamp, Dairy pipe...
- ▶ Housing and display rotatable
- ▶ Easy handling



## Pressure Measuring Devices with Display and Switching Output

Depending on the job, the universal pressure measuring devices with display and switching point can be used as

- pressure transmitter
- electronic pressure switch
- digital gauge

Due to the simple handling as well as the variety of software features (contacts and hysteresis freely configurable, delay function, Min/Max-value data storage, display and analog output signal scalable, etc.) the DS 200 series is especially suitable as an intelligent pressure switch for general plant and machine construction and the processing industry.

**Output signal:** 2-wire (4...20 mA) or 3-wire (0...10 V), with 1 or 2 switching outputs  
**Electrical connection:** various plugs (e.g. DIN or circular plug) or cable outlet  
**Options:** Ex-Version, intrinsically safe versions:  
 Zone 0 (transmitter), Zone 1 (display + switching module)

You will find further information to our products on [www.bdsensors.com](http://www.bdsensors.com)

## Industrial Standard



type	basic sensor	pressure range	mech. connection	suitable media
DS 200	stainless steel sensor	0...0.1 to 0...600 bar	Inch threads NPT threads	for gases and fluids compatible with stainless steel
DS 201	ceramic sensor	0.6 to 600 bar	Inch threads NPT threads G 1/2" (PVDF)	for media where stainless steel and / or silicon oil filling is not allowed, e.g. oxygen applications
DS 210	silicon sensor	0...10 to 0...1000 mbar	Inch threads	for clean, non-aggressive gases and air



## Level measurement and process industry with flush diaphragm



type	basic sensor	pressure range	mech. connection	applications
DS 243	stainless steel sensor	0...0.1 to 0...40 bar	G 3/4" with semi-flush stainless steel diaphragm	water, heating oil and diesel fuel
DS 246	ceramic sensor	0.160 to 60 bar	G 1 1/2" flush, G 3/4" flush, ceramic diaphragm	sewage, sludge, pasty and aggressive media



## Intelligent electronic pressure switch with stainless steel sensor



### DS 400

Pressure range	0...0.1 to 0...600 bar
Basis sensor	stainless steel sensor
Accuracy (IEC 60770)	0.25 / 0.35 / 0.5 % FSO
Pressure port	Inch threads, NPT threads
Option	Ex-version
<b>Features</b>	<b>globe housing with LED-display</b>

