

**Návod k montáži /  
Mounting instructions**



Snímač tlakové diference pro vzduch a neagresivní plyny /  
Differential Pressure Transmitter

DPS 200



www.bdsensors.com

**Eastern Europe**

BD SENSORS s.r.o.  
Hradištská 817  
CZ - 687 08 Buchovice  
Czech Republic  
Tel.: +42 (0) 572-4110 11  
Fax: +42 (0) 572-4114 97

**Western Europe**

BD SENSORS GmbH  
BD-Sensors-Str. 1  
D - 95199 Thierstein  
Germany  
Tel.: +49 (0) 9235-9811-0  
Fax: +49 (0) 9235-9811-11

**Russia**

BD SENSORS RUS  
39a, Varshavskoe shosse  
RU - Moscow 117105

**China**

BD SENSORS China Co., Ltd.  
6<sup>th</sup> Floor, Building B, No. 8  
Lane 658 Jinzhong Rd.  
200335 Shanghai, CN  
China  
Tel.: +86 (0) 21-51600 190  
Fax: +86 (0) 21-33600 610

Tento návod k montáži je výňat z podrobného návodu k obsluze. Ten si prosím stáhněte z našich internetových stránek, pokud nejste s výrobkem dobře seznámeni.



These mounting instructions are an excerpt from the complete operating manual. It may be downloaded from our homepage, if you are not familiar with the device.

www.bdsensors.cz  
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– Technické změny vyhrazeny –  
– Technical modifications reserved –

**English**

**⚠ WARNING!** In order to avoid hazards to operators and damages to the device, the following instructions have to be performed by qualified technical personnel.

**⚠ WARNING!** Adhere to the safety and operating instructions stated in the operation manual. Effective regulations on occupational safety, accident prevention as well as national installation standards and approved engineering techniques must in addition be complied with.

**⚠ WARNING!** Install the device only in a pressureless and currentless (voltageless) state.

**⚠ ATTENTION!** For devices with cable gland as well as cable socket, you have to make sure that the external diameter of the used cable is within the allowed clamping range. Moreover you have to ensure that it lies in the cable gland firmly and cleflessly.

**⚠ ATTENTION!** Do not touch the electronics outside the connection terminal.

**⚠ WARNING!** According to the wiring diagram, the connection cables must be fastened to the connection terminals in a professional manner.

**⚠ WARNING!** Before the device is closed, make sure that the connection cables are fixed and do not dissolve.

**Limitation of liability**

If the instructions in the operating manual are not adhered to or if the device is inappropriately used, modified or damaged, liability is not assumed and warranty claims will be excluded.

**Intended use**

Ensure that the device is suitable for the application without restrictions. The technical data listed in the current data sheet is binding and must definitely be observed.

**Product identification**

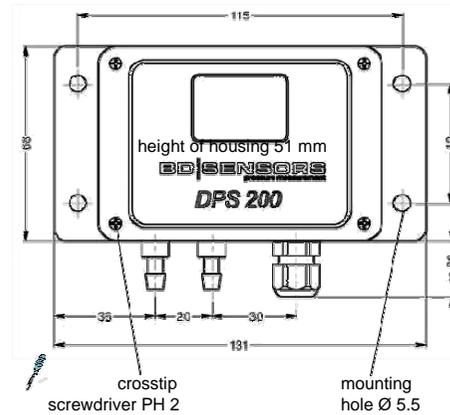
nominal pressure range	designation	ordering code	serial number
signal	supply	connector pinout	

**Wiring diagrams/pin configuration**

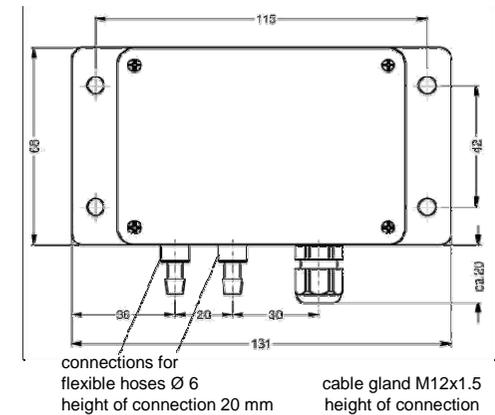
2-wire-system (current)		3-wire-system (current / voltage)	
Electrical connections	Terminals	Electrical connections	Terminals
supply+ supply-	2 / + 3 / - 1 (not connected)	supply+ supply- signal +	2 / UB+ 3 / UB- 1 / SIG

**Mounting**

**⚠ WARNING!** Install the device only in currentless (voltageless) state!  
with display



without display



**Programmable damping**

3: supply -  
2: supply +  
1: for 2-wire: n. c. / for 3-wire: signal+

Potentiometer for adjusting the offset

Potentiometer for adjusting the response time in the range of 50 ms up to 2.5 s (to the left min., to the right max.)

screwdriver size 2

negative pressure connection

positive pressure connection

**⚠ ATTENTION!** Do not touch the electronics outside the connection terminal.