

**Návod k montáži /  
Mounting instructions**



Snímač diferenčního tlaku /  
Differential pressure transmitter

DMD 331, DMD 341



DMD 331

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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  
www.bdsensors.com

– 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.

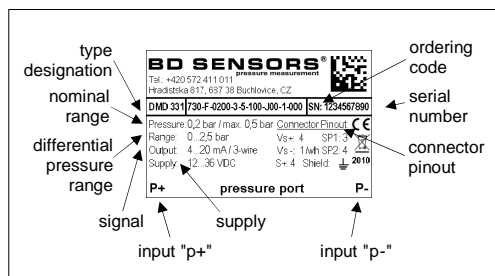
**Limitation of liability**

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 medium is compatible with the media-wetted parts and 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**



**Pin configuration**

electrical connections	ISO 4400	Brad Harrison® Mini Change
supply +	1	A
supply -	2	B
3-wire: signal +	3	-
shield	ground pin	C

electrical connections	ISO 4400	M12x1, 4-pin
supply +	1	1
supply -	2	2
3-wire: signal +	3	3
shield	ground pin	4
electrical connections	cable colours (DIN 47100)	
supply +	wh (white)	
supply -	bn (brown)	
3-wire: signal +	gn (green)	
shield	gn/ye (yellow / green)	

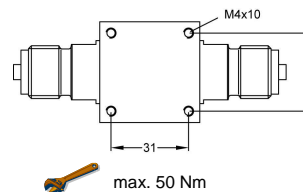
**Mounting**

- ⚠ **WARNING!** Install the device only in depressurized and currentless state!
- Connect the reference pressures so that the higher pressure is connected with input "p+" and the lower pressure is connected with input "p-".
- Fix the device according to your demands on the holder or holding angle intended for it. For mounting the device mounting threads or holes are provided.
- **The indicated tightening torques must not be exceeded!**
- Take note that no inadmissibly high mechanical stress occurs at the pressure port, since this may cause a shifting of the characteristic curve or to the damage. This is especially important for very small pressure ranges.

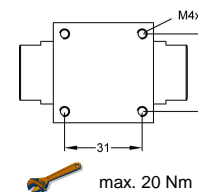
📖 **For more information, please read the detailed operating manual!**

**DMD 331:**

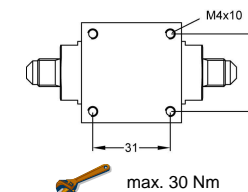
**G 1/2" acc. to EN 837**



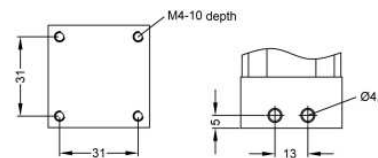
**G 1/4" internal thread**



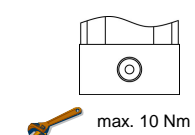
**G 7/16" UNF**



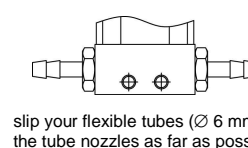
**DMD 341:**



**G 1/8" internal thread**

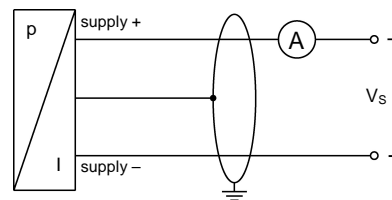


**tube nozzle Ø 6.6x11**

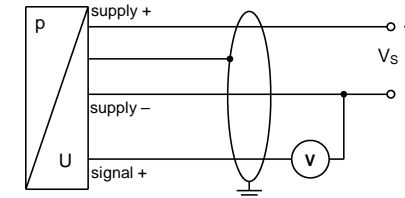


**DMD 331**

**2-wire-system (current)**

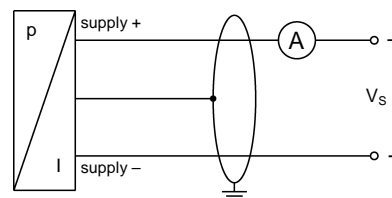


**3-wire-system (voltage)**

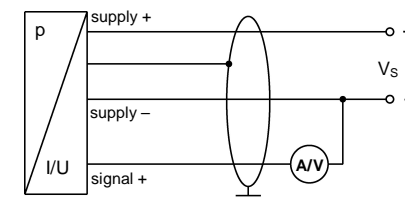


**DMD 341**

**2-wire-system (current)**



**3-wire-system (current/voltage)**



📖 For the electrical connection a shielded and twisted multicore cable is recommended.