

**Montageanleitung /
Mounting instructions**



Differenzdruckmessumformer /
Differential pressure transmitter

DMD 331, DMD341



DMD 331

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Diese Montageanleitung stellt einen Auszug aus der ausführlichen Betriebsanleitung dar. Bitte laden Sie sich diese auf unserer Homepage herunter, falls Sie nicht mit dem Produkt vertraut sind.



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.

<http://www.bdsensors.de>
<http://www.bdsensors.com>

– Technische Änderungen vorbehalten –
Technical modifications reserved –



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Englisch

⚠ 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.

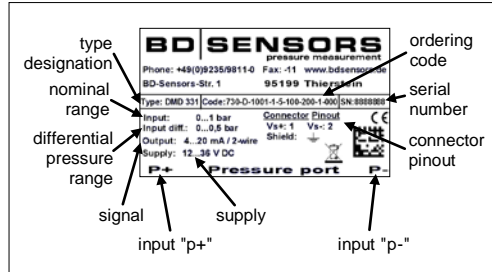
Limitation of liability

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

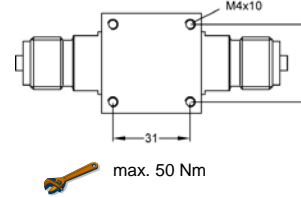
⚠ WARNING! Install the device only in depressurized and currentless state!

- 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.

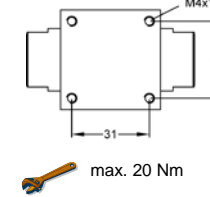
📖 For more information, please read the detailed operating manual!

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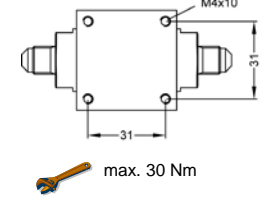
G 1/2" acc. to EN 837



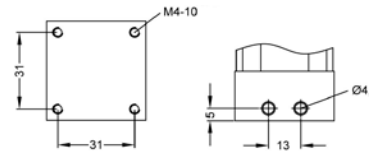
G 1/4" internal thread



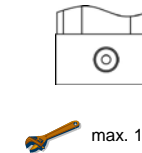
G 7/16" UNF



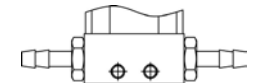
DMD 341:



G 1/8" internal thread



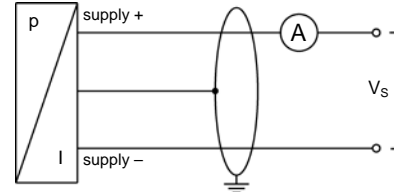
tube nozzle Ø 6.6x11



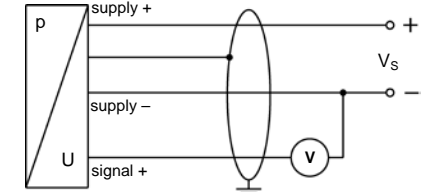
slip your flexible tubes (Ø 6 mm) onto the tube nozzles as far as possible.

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2-wire-system (current)

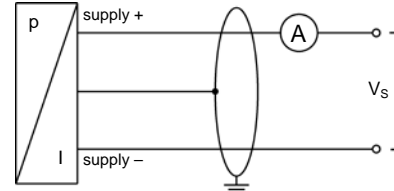


3-wire-system (voltage)

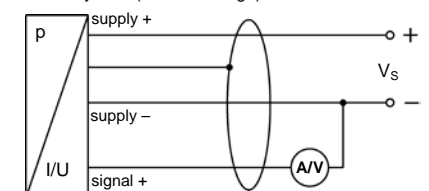


DMD 341

2-wire-system (current)



3-wire-system (current/voltage)



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