

**Návod k montáži /  
Mounting instructions**



Digitální manometr / Digital pressure gauge

DM 10



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Tento návod k montáži je výtah 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.

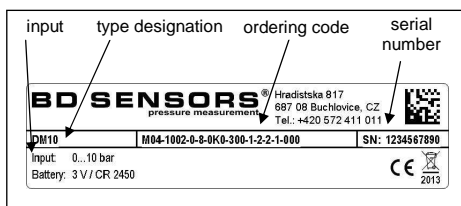
**Limitation of liability**

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**

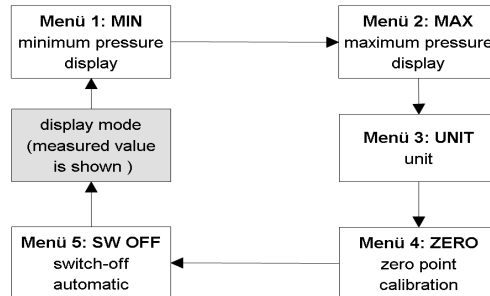


**Changing the batteries**

- To change the battery go ahead as follows:
- Remove the cap and change the battery.
  - Lock the device after that properly.



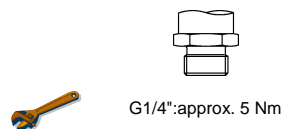
**Structure of the menu system**



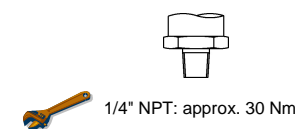
**Mounting**

- ⚠ **WARNING!** Install the device only in depressurized and currentless state!
- ⚠ **WARNING!** Use a suitable seal, corresponding to the medium and the pressure input.

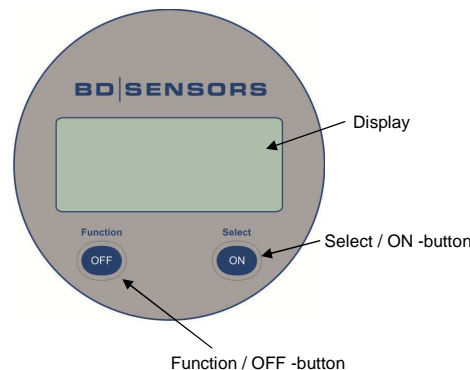
**Connection acc. to DIN 3852**



**NPT connections**



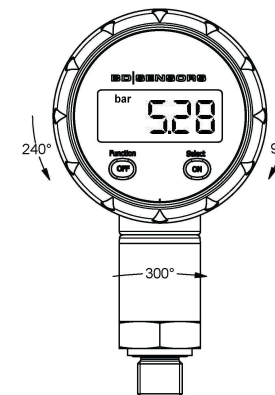
**Display and operating module**



- Select / ON-button:**
- switch-on of the device
  - choosing of the pressure units
  - calibration of starting point
  - configuration of the switch-off automatic
- Function / OFF-button:**
- switch-off of the device
  - scrolling in the menu system

**Positioning of the display module**

The display module of the pressure gauge is rotatable so that clear readability is guaranteed even on unusual installation positions.



**Structure of the menu system**

<b>1 MIN</b>	<b>Minimum pressure display</b> The minimum pressure during the measurement process will be shown in the display. To delete the stored value push the Select/ON-button. It appears <b>SE</b> in the display, the value has been recessed.
<b>2 MAX</b>	<b>Maximum pressure display</b> The maximum pressure during the measurement process will be shown in the display. To delete the stored value push the Select/ON-button. It appears <b>SE</b> in the display, the value has been recessed.
<b>3 UNIT</b>	<b>Setting of the pressure unit</b> Possible units are: bar, mbar, psi, MPa, mH <sub>2</sub> O The desired unit may be selected and activated with the Select/ON-button. ⚠ Depending on the nominal pressure range and the accuracy of the device, perhaps not all available units could be used.
<b>4 ZERO</b>	<b>Zero point</b> If you detect a shifting of the measured value deviating from the offset, the display can be re-calibrated via pushing the Select/ON-button. The display shows <b>SE</b> , the value has been recessed. Differs the zero point from the ambient pressure, it is a pressure reference necessary.
<b>5 SW OFF</b>	<b>Configuration of the switch-off automatic</b> The desired switch-off automatic may be selected through the Select/ON-button. Allocation of the programmable values: "0": switch-off automatic is not active "1" – "5": switch-off automatic after 1 up to 5 minutes

The menu system will be leaved automatically after 10 seconds, the last setted value has been saved. If you scroll all menu points you will leave the menu system after **SW OFF**.

⚠ After configuring the unit, the conversion of the pressure range into the new unit will only occur after leaving the menu system. Depending on the pressure range, probably not all available units can be used.