








For initial set up, we strongly recommend the use of the relevant manuals in addition!

OPTIBAR PM 3050

Compact pressure transmitter

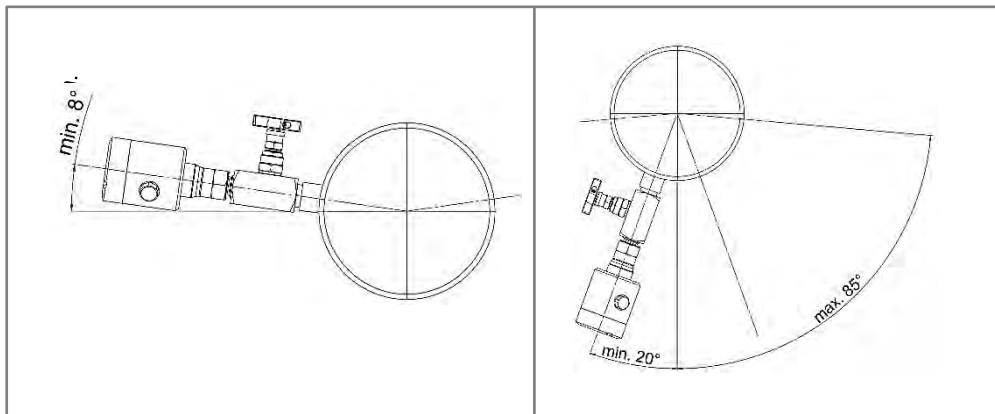
-  Installation, assembly, start-up and maintenance may only be performed by appropriately trained personnel. Check the nameplate for correct operating conditions.
-  For use in hazardous areas, special codes and regulations are applicable. Please refer to the corresponding supplementary manual.
-  This instrument complies with the requirements of Pressure Equipment Directive. Please refer to the nameplate for operating condition limits. Instruments must not be pressurised before reading instructions described in the manual.
-  This instrument complies with requirements of Low Voltage Directive. Instruments must not be connected to power supply before reading instructions described in the manual.
-  The responsibility as to the suitability, intended use and corrosion resistance of the used materials against the measured fluid of this device rests solely with the operator.
-  For complete documentation (manuals, supplementary manuals, data sheets and certificates) please refer to www.krohne.com/Downloads.

1 Installation

 **WARNING!**
Install the device only when depressurized and without power!

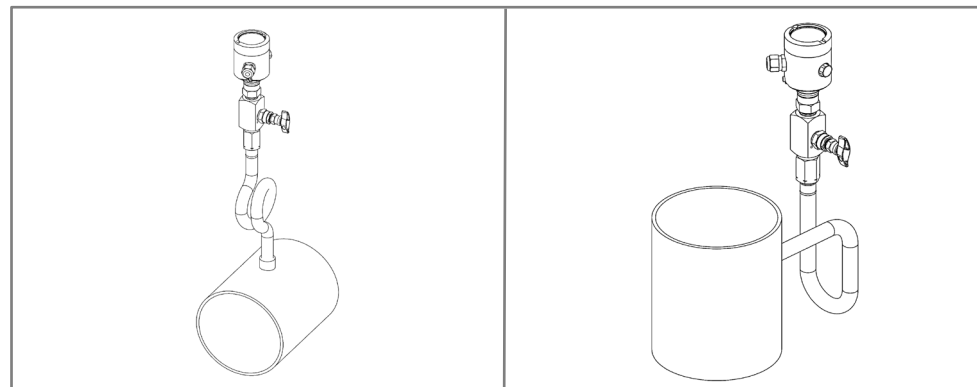
Gas

Liquid

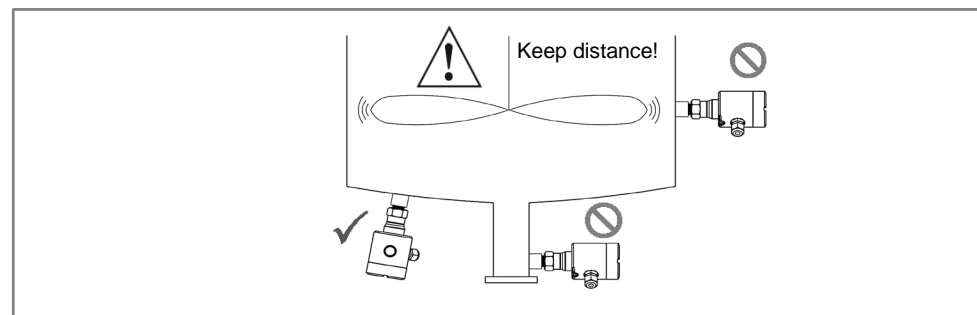


Steam horizontal

Steam vertical



Level

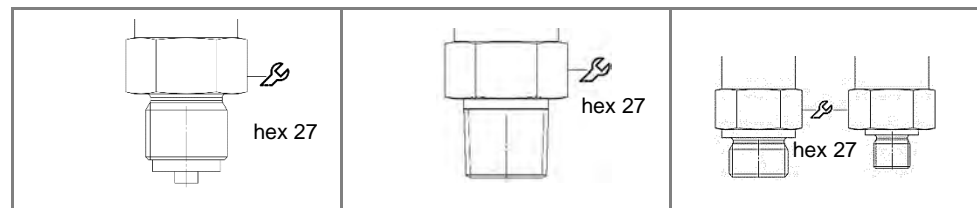


Process connections

Connections acc. to EN 837

NPT connections

Connections acc. to DIN 3852



G1/2": ~50 Nm
M20: ~ 50 Nm

1/2" NPT: ~70 Nm

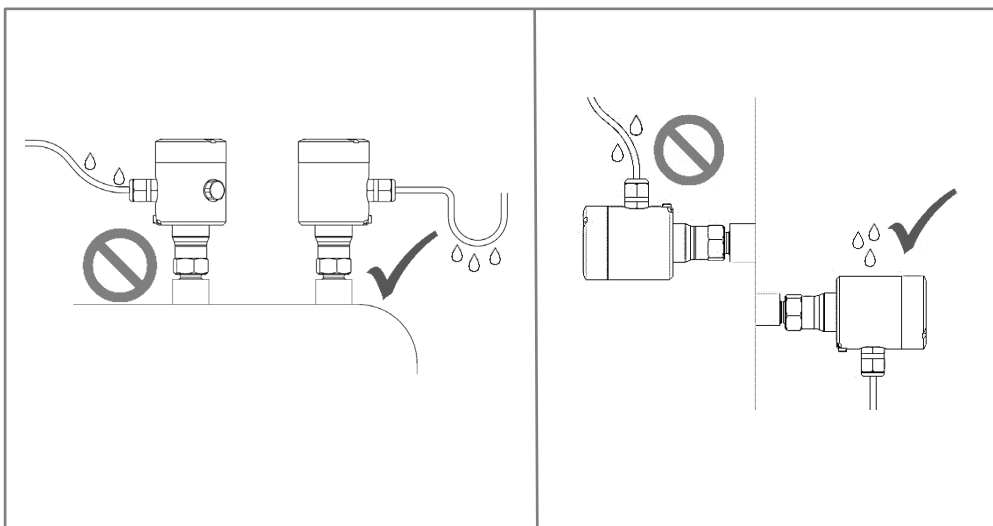
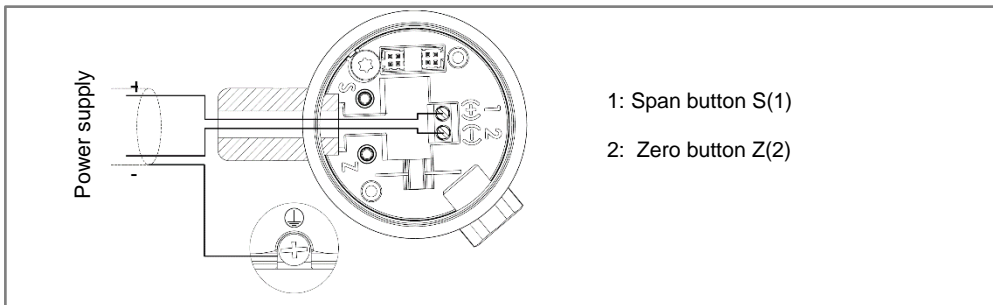
G1/2": ~ 10 Nm
G1": ~ 20Nm



NOTE!
For hygienic process connections, please refer to corresponding standard and supplementary manual!

2 Electrical connection

Danger!
 All work on the electrical connections may only be carried out with the power disconnected.
 Take note of the voltage data on the nameplate.
 Observe the national regulations for electrical installations.

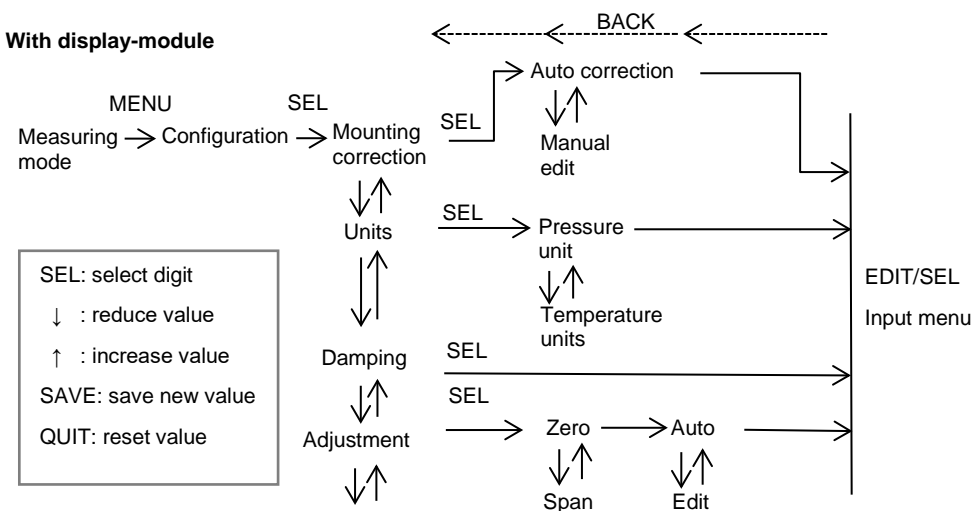


3 Quick Setup

Without display-module

Function	Button	Hold-time	Hold-time
Span (20mA)	S(1)	1-5 s	Button pressed Release 1 ← hold → 5 t in s
Zero (4mA)	Z(2)	1-5 s	
Offset	Z(2)	10-30 s	Button pressed Release 10 ← hold → 30 t in s
Factory-reset	S(1)	10-30 s	

With display-module



Contact

To view all KROHNE locations and contact details visit:

www.krohne.com

Then "Select your country" from the drop down list at the top left of the page