

BATCHFLUX 5500

Electromagnetic flowmeter for volumetric filling machines



Installation, assembly, start-up and maintenance may only be performed by appropriately trained personnel.



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.



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.

General

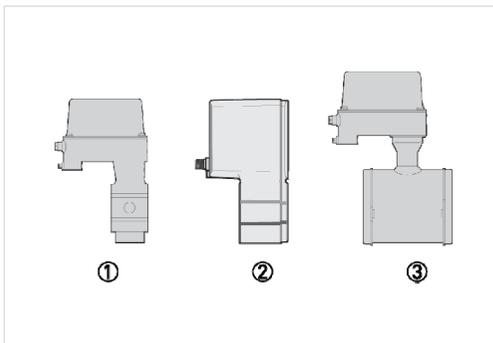
Check the device nameplate to ensure that the device is delivered according to your order



Device nameplate (example)

KROHNE Allometer, Dordrecht NL - 3313 LC12			
BATCHFLUX 5500 C S/N: XXXXXXXX Manufactured: 20XX	Rev.: xxx	17 - 31 VDC 4 W SW V1.0_(V1.0.0)	
		Output: 0 - 1000 Hz 0 - 0.5 L/s	
www.krohne.com		GK 1.627 DN 15 mm / 1/2 inch Wetted materials: CER CMT IP66 / 67 Pmax: 16 bar	
Ttag: xxxxxxxxxxxxxxxxxxxxxxxx			

Device version(s)



- ① DN2.5 - 4 - 6 | 1/10 - 1/8 - 1/4"
- ② DN10 - DN15 | 3/8 - 1/2"
- ③ DN25 - DN40 | 1 - 1 1/2"

Transport

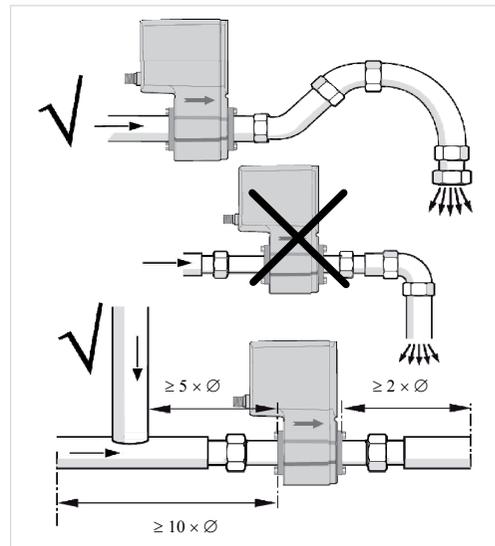
- No special requirements
- Use the original packing of the device(s) when transporting to the installation location.

1 Installation

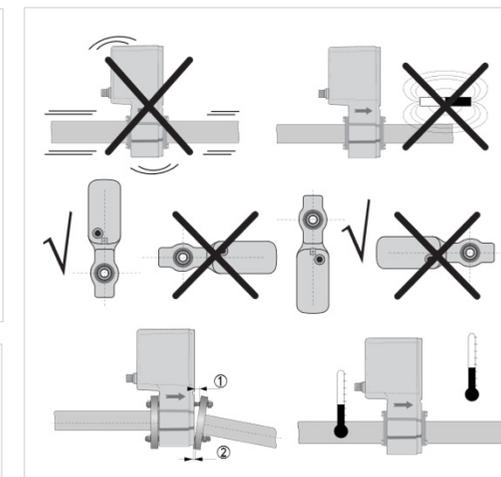
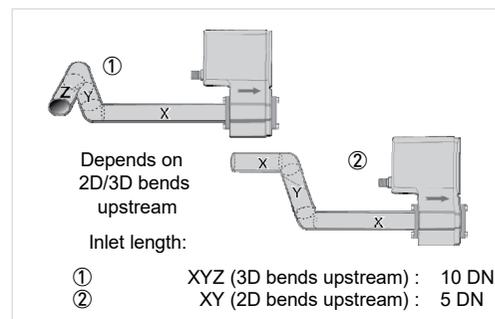
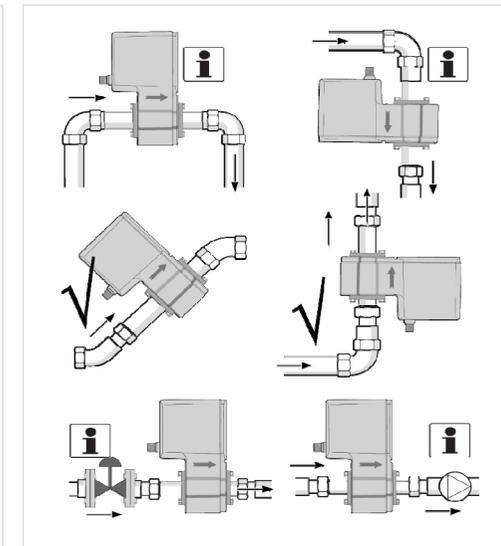
Check the manual for more details on installation options.



Installation conditions



General installation requirements



- ① L_{max}
 - ② L_{min}
- L_{max} - L_{min} < 0.5 mm / 0.02"



Installation position in case of hot fluids

Temperatures depends on liner, flanges and signal converter housing. Check de manual for details.

2 Electrical connection



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!

The device must be grounded in accordance with regulations in order to protect personnel against electric shocks.

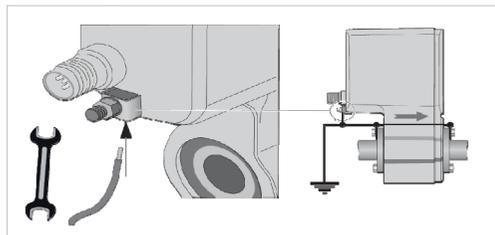


Observe without fail the local occupational health and safety regulations. Any work done on the electrical components of the measuring device may only be carried out by properly trained specialists.

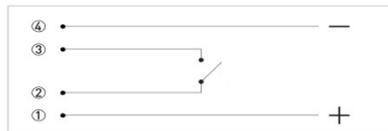
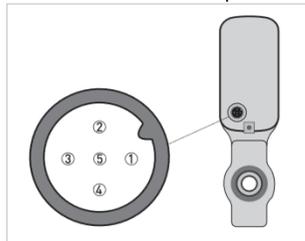


Refer to the manual for more details on connection options

Grounding

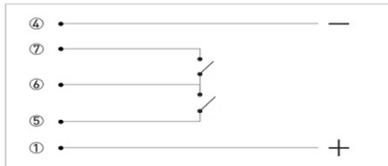
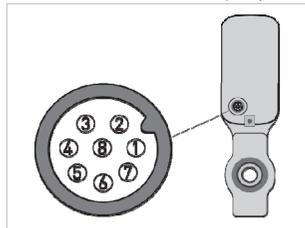


Cable connector M12 - 5 pin



- ① +24 VDC
- ② Frequency output
- ③ Frequency output
- ④ Ground
- ⑤ To be connected for servicing only

Cable connector M12 - 8 pin (with status output)



- ① +24 VDC
- ② Not Connected
- ③ To be connected for servicing only
- ④ Ground
- ⑤ Frequency output
- ⑥ Frequency and status common
- ⑦ Status output
- ⑧ Not Connected

3 Quick Setup



For the start up and menu description please refer to the applicable manual (e.g. BATCHMon software/manual)



All the operating data are preset at the factory. For changing the parameters and diagnostic purposes BATCHMon plus operation hard-/software can be used.

Download documents/software

Scan the code on the nameplate or scan the following code and enter the serial number.



Contact

Select your country from the region / language selector to view your local KROHNE contact details on:

www.krohne.com