

Below we listed several points for installation of clamp-on transducer.

Compared to user manual ,this is a brief introduction to help you install and operate flow meters in short time .

Transducer installation point should be far from pump or valves or bent in order to assure liquid flow rate in pipe is steady. And generally, make sure there is at least 10D straight pipe length (D means diameter) in upstream and at least 5D in downstream.

Make sure there is no rust or dust or corrosion in both outside and inner pipe, and if there is paint on pipe surface, please polish pipe surface until you can see metallic luster.

Then make sure pipe is full of water, and flow rate in pipe is steady and will not change suddenly.

Installation Procedure:

1、 Set parameters in transmitter

Set parameters from M11 to M24. M25 will show transducer installation distance. Do not forget to store parameters in M26.

2、 Install transducers

Put transducers which marked red **UP** on upstream, and the other one marked blue **DN** on downstream.

Apply adequate couplant to the spot where the transducers are to be installed and leave no gap between the pipe surface and the transducers.

You can first install and fasten one of the transducers.

M25 will show an indicating distance value for the two transducers and you can move slightly one of the other transducers in order to get good result.

3、 Check if installation is correct and if flow meter can work well

At last, please check if M90 Q value more than 60,(it will be better if more than 80) ; M91 value between 97 and 103 ; if within this range ,it can work normally .

Below you can find a picture showing transducers installation situation .To put them on pipe side wall just to avoid air bubbles and to assure accuracy.

