

Wall Thickness Probe

The pipe wall thickness is an important pipe parameter which has to be determined exactly for a good measurement. However, the pipe wall thickness often is unknown.

The wall thickness probe can be connected to the flow transmitter instead of the flow transducers and the wall thickness measurement mode is activated automatically.

Acoustic coupling compound is applied to the wall thickness probe which then is placed firmly on the pipe. The wall thickness is displayed and can be stored directly in the flow transmitter.



Wall thickness measurement

Technical Data

technical type		DWQ1xZ7	DWP1EZ7
		reverse polarity protected	
measuring range ¹	mm	1...200	
resolution	mm	0.01	
linearity	mm	0.1	
operating temperature	°C	-20...+60	-20...+200, peak max. 540
cable length	m	1.5	1.2

¹ The measuring range depends on the attenuation of the ultrasonic signal in the pipe. For strongly attenuating plastics (e.g. PFA, PTFE, PP) the measuring range is smaller.

