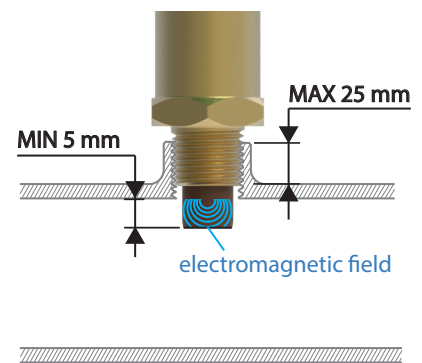


What should be the installation length of the welding socket?

Welding sockets with ½ “internal thread are available in different lengths, depending on the manufacturer. Our mounting instructions indicate that they should not be too long. Why?

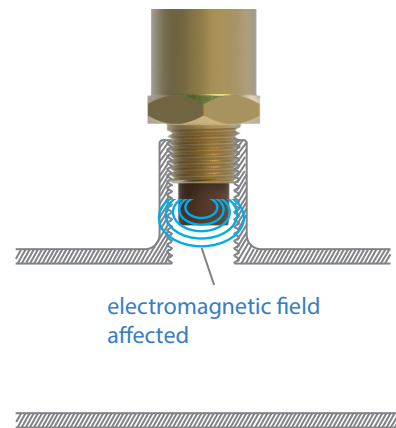
Risycor measuring principle

The measuring principle of the Risycor is based on a proximity switch with the so-called Hall Effect. Calibration of the Risycor is based on a good definition of the area around the tip of the probe. It is therefore important that the tip protrudes freely and is mounted in the X-fix. For the Risycor to function properly, the tip of the probe must be immersed at least 5 mm in the flowing water. To guarantee this, the welding socket may not exceed 25 mm.



Welding socket too long

If the tip of the probe is not in a free area due to a welding sleeve being too long, the calibration of the Risycor is compromised, which leads to incorrect measurements.



Flowing water

There may be situations in which the Risycor is mounted with the X-fix on an existing tee with a large diameter. eg. on a filter cover or branch with a shut-off valve. In this case the probe will be sufficiently immersed without being influencing the magnetic field.

