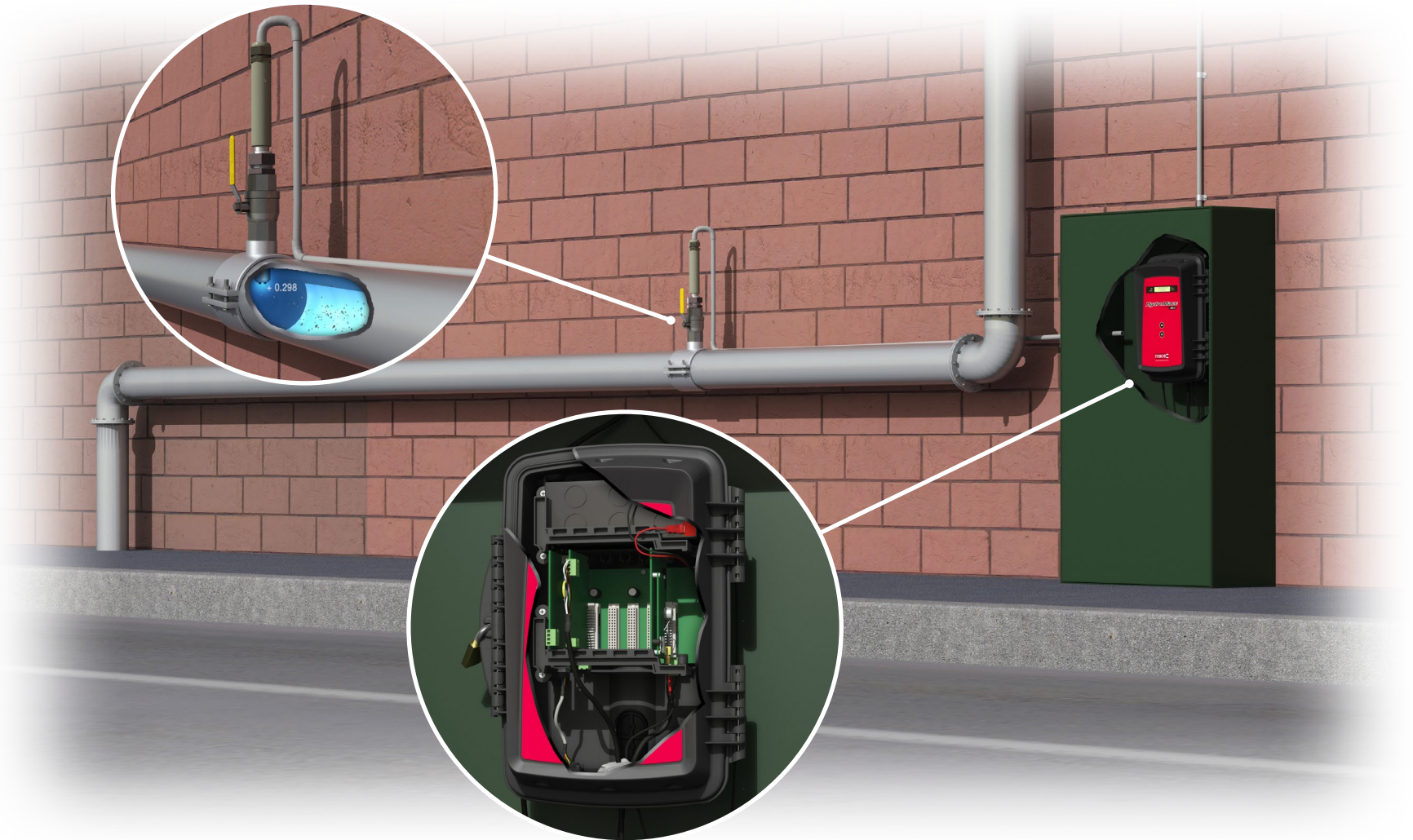


Drinking water leak detection

Leak detection in urban potable water distribution networks is an increasingly important enterprise. As networks age, the risk of major leaks or pipeline malfunctions are a growing reality. In order to counter these risks, simple and cost-effective leak detection methods are required.

The MACE HydroMace XCi in conjunction with a MACE electromagnetic flow sensor, provides a simple and cost-effective solution to the remote monitoring of potable water networks. By using a MACE insertion electromagnetic flow sensor, the HydroMace XCi can be used to monitor flow in pipes from 50 mm to 1 m (2 in. to 40 in.) in diameter. Because the MACE insertion electromagnetic sensor provides very little obstruction to the flow and has no moving parts, the whole system is virtually maintenance free. Furthermore, the whole system is battery operated and completely remote flow monitoring is possible.

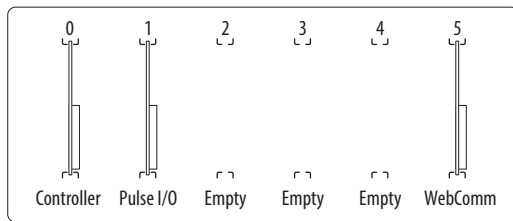
In the example shown, the HydroMace XCi is monitoring a typical potable water pipeline with the flow in the pipe measured with a MACE insertion electromagnetic flow sensor. With a MACE WebComm card installed, these readings are available 24/7 on the MACE website, as well as having the ability to be alarmed via SMS/email to any mobile phone.



HYDROMACE XCI



CARD SLOT CONFIGURATION



SENSORS/PERIPHERALS

