

## Sanitary and industrial sewer flow measurement

*As increased living densities occur through urban areas, more pressure is being exerted on the ability of the sanitary sewerage systems to cope with the demands being placed upon them. It is critical that permanent sewer flow monitoring is undertaken on major catchments to assess the ongoing capabilities of all sewerage infra-structure. Furthermore, the accurate measurement of industrial inflows to the sewerage system is also increasingly important so that distribution of the costs of treatment can be fair and equitable.*

The MACE FloPro XCi provides a unique solution for permanent sewer flow monitoring. With the ability to measure up to five different flows with the one device, it is no longer a requirement that each artery of a catchment requires its own flow monitor. The combined depth/velocity sensors can be installed in any pipe size from 150 mm to 2.5 m (6 in. to 100 in.) in diameter. From a trade-waste perspective, the MACE FloPro can provide a "one-stop" solution. The FloPro can not only be used as a billing device, it can also be used to monitor various water quality sensors (such as pH, EC and DO), and can be programmed to drive a volumetric based sampler.

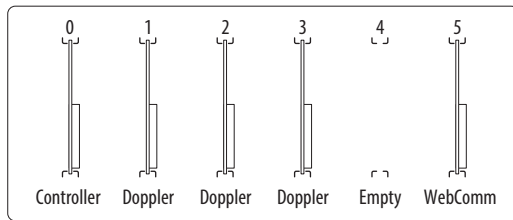
In the example shown, the FloPro XCi is measuring the flow of sewage in three separate pipes with MACE area/velocity sensors interfaced to a single FloPro XCi device. With a MACE WebComm card installed, these readings are available 24/7 on the MACE website, as well as having the ability to be alarmed via SMS/email to any mobile phone.



### FLOPRO XCi



### CARD SLOT CONFIGURATION



### SENSORS/PERIPHERALS

