



Behr

Climatic Test Chamber Control.

As a specialist in the areas of automotive air conditioning and engine cooling systems, the Behr Group is one of the world's leading manufacturers and suppliers. Behr is utilizing the e.bloxx series of I/O modules and data concentrators for the precision measurements required in their highly accurate climatic test chambers. Every Behr test cell has one data server for data collection and control. Depending on the size of the test bed, one or more



e.gates (data concentrators) are connected via Ethernet. The communication between the control PC and the e.gates is Modbus TCP/IP, with implementation accomplished using an OPC server. This configuration allows the Behr staff to have access to any test cell from any control PC (over Ethernet). To allow seamless integration to the Behr test cell software, a special data format was created that allows data to be read by the OPC server, so that the set up of the system is handled automatically.

Typical System Configuration:

Voltage:	64 channels
Thermocouple:	180 channels
Pt100/RTD:	16 channels



