



OVERVIEW

Optidrive is a cool customer.

Global Solutions...

wireless control for hundreds of applications

with Invertek Drives the solutions start here!

- easy to use and incredible performance
- leading edge design and technology
- highly committed to innovation
- products you can rely on
- global support and suppliers

For more information, visit www.invertek.co.uk

COMPANY

MOELLER

Direct PI control saves energy

Germany

Moeller have demonstrated an innovative 2,700 litre fridge with a 3kW cooling capacity. This was powered by a 1kW compressor and two condenser fans rated at 125W and controlled by an Optidrive. Connecting Optidrive to a temperature sensor, via a PI controller, allows the motor running speeds to be optimised to save energy and maintain highly consistent temperatures.

Phil George, Moeller's OEM Applications Specialist commented: The display not only showed how Optidrive can save energy, but also our capability in delivering a totally integrated automation solution. The drives are connected to a complete network comprising I/O communication modules, PLC and an advanced human machine interface. One of the most exciting features of the display was that through Moeller's automation technology various aspects of the energy used by the system are displayed in real time, together with the energy saving over conventional continuous motor.



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