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Product Name :
I And C Software Controller

Product Code :
LBNY-0005-10900014



Description :

The controller can operate as a configurable PID controller and as a 2-point controller. In the latter case, as well as the setting of the reference variable, the hysteresis can also be pre-set. The recorder function provides continuous recording of controlled, manipulating and reference variables. The software ideally supports the experimentation and learning process of demonstration models. Its key features are the software controller and the recorder function. It plots responses to changes in the reference (e.g. step input) and disturbance variables. The controller included with each demonstration unit can also be used instead of the software controller. Measured values can be printed out and saved to data media. Connection to a PC is by a USB port. The supplied USB interface module provides an adequate number of analogue inputs and outputs, enabling even complex circuits, such as a cascade to be controlled. In this case, controlled, manipulating and reference variables can be plotted, displayed and saved by the program's recorder function.

Technical Specification :

Instrumentation and control software to present relevant data on a PC
The controller included in the demonstration model can also be used with the software recorder function
Selectable continuous or switching software controller mode
Continuous controller parameters settable
Real-time data can be displayed in different windows
The controller included in the demonstration model can be replaced by a software controller
Language freely selectable
Easy connection to PC via USB port with 4 analogue inputs and 2 analogue outputs.



Laboratory Instrument India