Accelerate Your Project Delivery

Industrial Control Panel
Featuring nanodac™ Recorder/Controller

Designed to provide a complete control and data recording solution and delivered from stock to help meet short lead times, this industrial panel with Eurotherm nanodac recorder/controller is ideal for projects where a custom control panel has not been budgeted for and fast delivery is needed. Its standardized UL508A approved design satisfies a variety of machine control applications.

Benefits

• Industry-leading Eurotherm precision dual loop PID control with input measurement accuracy of 0.1% of reading accuracy at 125ms sample rate
• All I/O points are wired to an easily accessible industrial terminal strip
• Compact UL508A/cUL508A approved polycarbonate control panel, available in stainless steel upon request
• NEMA 12 rated nanodac instrument, in a NEMA 4X enclosure sealed for use in harsh environments and washdown applications
• Seamless building automation integration with native BACnet IP communication

Key Features

• Four standard universal analog inputs, two 4-20mA outputs, two relay outputs, two digital inputs
• Up to eight universal analog inputs available for temperature, pressure, flow, calculated values, etc.
• Tamper resistant data recording ideal for regulated industries
• Modbus TCP/IP and BACnet IP Ethernet communications
• Ability to control two valve positioners in 1/3 : 2/3 mode
• Full color TFT display with dedicated beacons for easy visualization of alarm status
• Front panel on/off power switch and two red alarm lights
• Pre-configured with a basic heating application using iTools configuration software. Simply enter setpoints and run the auto-tune function

eurotherm.com/nanodac

Life Is On
Technical Details and Dimensions

Front Panel Dimensions and Layout

Side Panel Dimensions and Layout

AC Voltage I/O Rail

DC Voltage I/O Rail

Order Code

Control Panel

NANODAC-PANEL-AP | Industrial control panel fitted with nanodac recorder/controller

This Industrial Control Panel Solution is currently available as a stock item from our Eurotherm USA office only.