Regulateurs Europa
Member of the HEINZMANN Group

Overview

DATA SHEET

Description

ICENI is a range of
modules that can
be plugged together
to form a node on a
distributed I/O system.
Nodes are positioned at
strategic points around
the plant enabling local
field devices to be wired
to the modules rather
than individually back to
the master station, thus
simplifying the plant wiring.

The master station can access the input process image to determine
the plant status and also write to the output process image area to
control plant devices.

The network node is controlled by a master module that always
occupies the first slot. A combination of input and output modules to
suit the field requirements are then plugged into the right-hand side
of the master module to form the ICENIbus. The node is completed
with a power supply module.

Configuration parameters for the fieldbus communication and
specific channels on I/O modules are set using the graphic display
and front panel push-buttons to navigate the menu system. The slot
position that the module occupies within the node determines the
addresses within the process image where the data is located. In
normal operation the input modules are continually scanned and
the process image updated with the input status. The process image
is accessed over the fieldbus network and this can either request a
block of input data or set a block of output data. Output modules are
continually scanned and updated by the data in the process image.

The status of individual modules is easily identifiable by the LED
indicators on the front panels. As an aid to commissioning, local plant
status information can be displayed on the graphic screen without
the fieldbus connection being present. This permits the local wiring
and device operation to be verified locally, completely independent of

Features

Open protocols to PLCs, PCs,
etc.

Extended temperature range
(-20 ... +70 °C)

In-built user interface for
commissioning and support

Robust construction

Electrically isolated signals
and power supply

'Plug and Play' automatic
configuration

Cost effective solution for a
wide range of applications

Dimensions

MASTER MODULE   SIGNAL CONDITIONING MODULES   POWER SUPPLY MODULE