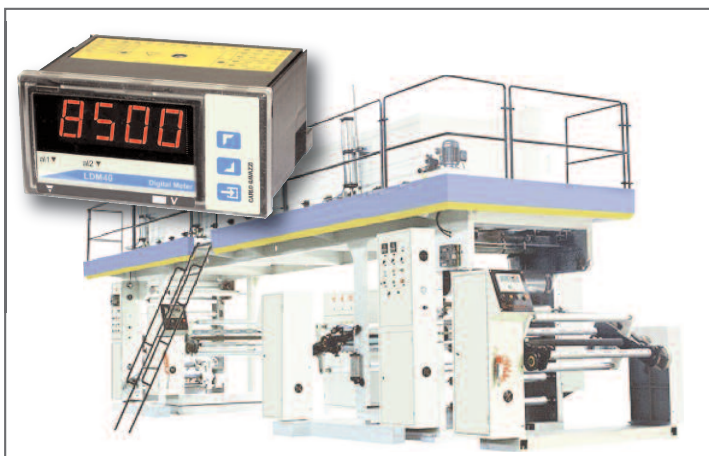


CG APPLICATIONS

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Application Note: July 26th 2007

Market involved: Packaging & Wrapping

Product : LDM40 LSE H 2 XX SX X

Customer : Panel builders, OEM's

Subject : Laminating machines

CUSTOMER ISSUE :

In laminating machines for the production of multi-layered materials (adhesive applications, for example) a number of variables are to be constantly and accurately monitored and controlled in order to optimize the production cycle and obtain the best results.

All the physical quantities are to be analysed by an industrial PC, while a 2-level alarm is required locally.

For certain quantities a feedback analogue signal is required to control the monitored process.

OUR SOLUTION:

According to the size and functions of the machine, 5 to 10 LDM40's per machine are generally installed.

All the units are equipped with 2 alarms relay (first setpoint for warning signal, second setpoint to interrupt the working process) and serial communication to send the information to the managing PC.

In the units measuring the quantities to be controlled, the analogue output option is added to provide the feedback signal.

ACHIEVED BENEFITS:

- The meter is multi-input (different ranges), multi function (voltmeter/ammeter, both AC and DC) and has a universal power supply (90 to 260 VAC/DC or 18 to 60 VAC/DC), leading to an important stock reduction by the distributor, the panel builder or the OEM.
- The programming of the unit is very flexible, the signal can be easily scaled, allowing the unit to be highly application-adaptable.
- 1 serial, 1 analogue, and 2-relay digital outputs are available in the same unit.

