



## **Electric actuators for plant process optimization Profibus DP Fieldbus**

The complete range of L. BERNARD actuators can be equipped with the PROFIBUS DP field bus interface. (Caution: the PROFIBUS DP system cannot be connected to the same circuit as the PROFIBUS FMS or PROFIBUS PA system). Each actuator is offered as an integral version, meaning it comes complete with contactors and is handled by an electronic board. This part may come as a separate unit.

Both integral versions of the L. BERNARD range can be used: INTEGRAL+ or INTELLI+, with the addition of the "PROFIBUS DP 32 I/O" interface for the INTEGRAL+ or the "PROFIBUS DP data transfer" interface for the INTELLI+.

A PROFIBUS DP line can control up to 30 actuators. Extra line repeaters are required to increase the number of actuators connected to a given line.

The maximum line distance is 1.2 km, and more with repeaters.

Only the actuator is supplied with its PROFIBUS DP interface. This actuator can connect to any PROFIBUS DP field bus even if other units are connected. The only requirement is not to exceed the number of connection points which is 30 max. Each actuator or sensor counts as a connection point, regardless of the amount of data transmitted.

## **Modbus RTU Fieldbus**

Actuators of the L. BERNARD range equipped with the INTELLI+ command can accommodate the MODBUS interface. A MODBUS line can control up to 30 actuators. Extra line repeaters are required to increase the number of actuators connected to a given line.

Only the actuator is supplied with its MODBUS interface. This actuator can connect to any MODBUS RTU field bus even if other units are connected. The only requirement is not to exceed the number of connection points which is 30 max. Each actuator or sensor counts as a connection point, regardless of the amount of data transmitted.