



Article no.	Price
991	£1,987.60

Intelligent Positioner - PI991

with HART, PROFIBUS PA, FOUNDATION Fieldbus H1 or FoxCom for EEx ia Intrinsically Safe Applications

Description

The microprocessor controlled positioner is designed to control pneumatic valve actuators and can be operated locally or by means of control systems. The advanced diagnostic can be partially shown on the local LCD of the positioner or fully on a PC or a DCS workstation with a DTM based software (VALcare or Valve Monitor). The positioner is available with different communication protocols. This includes versions with analog setpoint (4 to 20 mA) and superimposed HART or FoxCom signal; digital with FoxCom protocol, or fieldbus communication according to PROFIBUS-PA and FOUNDATION fieldbus H1 according to IEC 1158-2 based on FISCO. The PI991 also has the capability to control a Partial Stroke Test (PST) that offers operators a tool to identify the trouble-proof function of ESD (Emergency Shut Down) valves.

Version "Intelligent"

- Autostart with self calibration
- Self diagnostic, status and diagnostic messages

Version "Intelligent with Communication"

- Communication HART, FOUNDATION Fieldbus H1, PROFIBUS-PA or FoxCom
- Configuration by means of local keys, Hand Held Terminal, PC or I/A Series system or with an infrared interface by means of IRCOM

Version "Intelligent without Communication"

- Input signal 4-20 mA



Article no.	Price
981	£637.50

Pneumatic Positioner - PP981

Description

The ADCATROL PP 981 positioner requires an input signal of 0,2÷1 bar (3÷15psi) for proportional control actuator. The positioner compares the output signal from a controller with the position feedback, and varies a pneumatic output signal to the actuator accordingly. The actuator position is therefore guaranteed for any controller output signal and the effects of varying differential pressure.

Main Features

- Independent adjustment of stroke range and zero
- Adjustable amplification and damping
- Split range up to 4-fold possible
- Supply pressure up to 6 bar (90 psig)
- Low vibration effect in all directions
- Mounting according to IEC 534, part 6 (NAMUR)
- Rotation adapter for angles up to 120°
- Ambient temperature -40 ... 80°C (-40 ... 176°F)
- Travel 8 to 100 mm (0.3 to 4 in)
- Angular range 30° to 120°
- Modular system of additional equipment
 - Electrical limit switches
 - Electrical position transmitter
 - Booster
 - Connection manifold
- Protection class IP54 (IP 65 on request)
- Certificate No. 90/20226(E2) Lloyd's Register of Shipping for use on vessels
- Base device: II 2 G c IIB/IIC T4/T6 according to Atex
- When with electrical options: b II 2 G EEx ib/ia IIB/IIC T4/T6 according to Atex



Article no.	Price
446922	£795.50

Field I to P Converter - PC25

Description

Instrument for conversion of a standard d.c. current signal into a standard pneumatic signal, for the changeover from electrical controllers to pneumatic control valves, or from electrical measuring system to pneumatic controllers. The PC25 is a force balance device, which converts the input signal 4...20 mA, a proportional output signal 3..15 psi (0,2...1 bar) or 6...18 psi (0,4...1,2 bar) , with a respective supply pressure of 1,7 - 5bar .

Typical Installation

