

Kinetrol Explosion Proof P3 On/Off Positioner



ATEX Category 2

The explosion proof P3 on/off positioner offers a robust three position rotary control device with a fast, smooth, accurate response in a compact corrosion resistant, aluminium housing.

The unit is available ATEX approved to Category 2 and offers four voltages, many switch options and angle position feedback. Available for close mounting on Kinetrol actuator models 05 to 15 or discrete mounting via a Kinetrol 05 square or NAMUR drive.

Please refer to P3 On / Off Positioner data sheet for product details.

Specification

European / Global Protection ATEX / IECEx Approval

Exd Group IIC Category 2
Gas & Dust T5, IP66

Voltages

115V ac
24V dc

Working Temperature Range

-20°C to +60°C (-4°F to +140°F)

Power Consumption

positioner 1.5 W max.
solenoids 5 VA max. per
solenoid.

Selected External Inputs

4-20mA - impedance
250 ohm.
potentiometer - minimum
resistance 10K ohm.

Casing

precision diecast LM24 alloy,
anodised & epoxy stove enamel.

Coupling

zinc plated steel or stainless
steel option.

Positioner Performance

linearity -
better than 1% of range
deadband -
0.1 to 3% of range
(subject to optimisation
of speed, deadband and
damping).

Optional 2-wire Angle Transducer

supply voltage -
8.5 to 27V dc
output -
4-20mA, linearly proportionate
to angular position, electrically
isolated from all other inputs
and outputs
functions with or without
positioner circuit energisation

