



Offers a wide range of signalling options in a fully enclosed, corrosion resistant metal case. Available for direct mounting onto Kinetrol rotary actuators or discrete mounting via an industry standard VDI/VDE interface onto any make of rotary actuator. Easy to wire and set up with industrial standard robustness. Internally fitted options include AS Interface digital communication and a 4-20mA, 2-wire modulating angle retransmit circuit.

The range of switch and terminal arrangements includes 2 or 4 switches, extra connections allowing single point termination of wiring for limit switches and solenoid valves. ATEX approved Ex d (Category 2) explosion proof and Ex ia intrinsically safe packages (Category 1). Integral sealed Clear Cone Monitor and red/green Led indicator options also give high visibility external visual indication of position.

Specification

Casing

Precision diecast aluminium alloy, switch option 003
Ex d diecast zinc alloy

Finish

Epoxy stove enamel

Seals

Nitrile rubber 'O' ring seals

Cable entry options

2 or 4 entries

M20 x 1.5 Conduit thread
or
1/2 NPS Conduit thread

4 Way plug DIN 43650A
(fits either conduit thread)

4 Way M12 Connector
(M20 Conduit thread only)

Dimensions

See page 61

- Units sealed to IP67/NEMA 6 (ATEX units IP66/NEMA 4X, IP67 option available)
- Robust corrosion resistant epoxy painted diecast box
- Easy and accurate setting of switch position
- Available for direct mounting to Kinetrol models 03 to 15 (for minimum height)
Discrete Kinetrol 05 square drive insert for use with Kinetrol actuator models 16 to 60
- Quick access - No special tools required
- Discrete VDI/VDE (NAMUR) interface option for use with industry standard actuators
- Two or four cable entries as standard to allow back wiring of solenoid valves
- Multiple switch options available for general and hazardous areas
- AS Interface bus circuit option inside box reads up to 4 switch inputs, drives up to 2 solenoids powered by bus only (see pages 35 & 36)
- DeviceNet option inside box with various network speeds allows 2 on / off inputs and drives up to 2 solenoids (see page 37)
- Optional Clear Cone monitor available
- Integral LED indicator lamps and angle retransmit circuit options are available
- Compact SPST version of type 004 available for model 02 actuator

LOAD RATINGS FOR STANDARD MICROSWITCHES (type 004)

Voltage	Resistive Load
125 V AC	15A
250 V AC	15A
up to 12 V DC	15A
up to 24 V DC	10A
up to 48 V DC	3A
up to 250 V DC	0.25A

MULTIPLICATION FACTORS FOR NON-RESISTIVE LOADS

Steady state tungsten lamp load	- x 0.1
Steady state inductive load	- x 0.2
Peak inductive load	- x 1.0

Weight

VLS	-	0.68kg
Uls Switch Options		
001 and 009	-	1.05kg
003	-	1.4kg

Temperature Range

Standard -20°C to +80°C
High Temp Seals up to 100°C
Also see switch temperatures on page 32