TopWorx™ K-Series Switchboxes
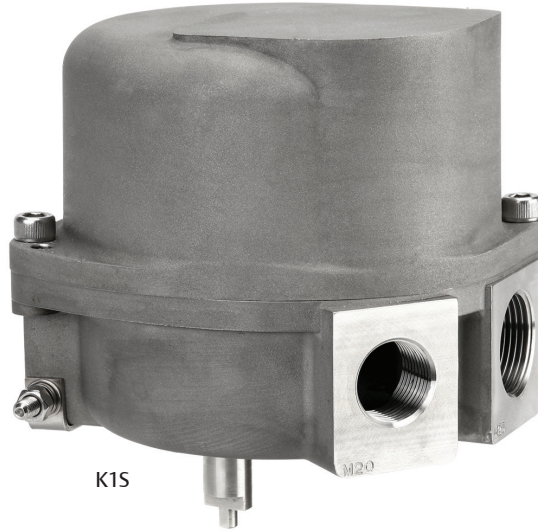## Minimal Maintenance Required

Compact and robust product solution that conforms to the latest European Directives.
The use of quality materials and attention to detailed design and manufacturing has
resulted in an excellent reputation for reliability.

Solid Enclosures for Every Environment

- Aluminum, Composite, Stainless
- Up to four conduit entries (English or Metric)
- O-ring seals everywhere

Engineered for Dependability

- Available in Aluminum or 316 Stainless Steel
- Unique coating for hazardous locations with Aluminum option
- Red coating for Explosion Proof/ Flameproof installations
- Blue coating for Intrinsically Safe installations, including blue terminal strip
- Aluminum enclosures are fully anodized
- RoHS 2 Compliant

Environmental Extremes

- Operating temperatures from -76°F/-60°C to 248°F/120°C
- IP66/67 standard rating
- IP68 to 30 or 150 meters on request
- Type 4, 4X, 6, 6P

316 Stainless Steel Shaft and Fasteners

- VDI/VDE 3845 F05 Mounting
- Special lever options available for linear applications

Visual Display

- Impact resistance polycarbonate
- Static free indicators
- No need to clean with a damp cloth in Hazardous Locations
- Flat-top Options

K1S

K1 AND K2 SERIES

K1P
K1S

K1P = Aluminum
K1S = 316 Stainless Steel
Class I & II, Div 1 & 2
Class I, Zone 1, Ex/AEx d IIC T6/T4
Class II, Zone 21, Ex//AEx tb/tD IIIC
Ex ia IIC T6/T4
Ex d IIC T6/T4
Ex tb IIIC
  -50°C up to +100°C
Type 4X, IP66/67/68

Conduit Entries: (2)1/2 NPT or M20

Available with (2) switches or a 4-20mA analog or HART transmitter
Unique two point cover reduces commissioning time

K2P
K2S

K2P = Aluminum
K2S = 316 Stainless Steel
Class I & II, Div 1 & 2
Class I, Zone 1, Ex/AEx d IIC T6/T4
Class II, Zone 21, Ex//AEx tb/tD IIIC
Ex ia IIC T6/T4
Ex d IIC T6/T4
Ex tb IIIC
  -50°C up to +100°C
Type 4X, IP66/67/68

Conduit Entries: (4)1/2NPT, 3/4NPT, M20 or M25

Available with (4) switch or (2) switches and analog or HART transmitter

Note: Product certification markings will vary according to protection method and internal components specified.

TopWorx™ K-Series
Confidence that your switchbox will work on demand

Robust, Low Profile and Compact
- RoHS 2 compliant
- (2) M20 or 1/2NPT conduits
- Highly accessible internals
- Aluminum enclosure, fully anodized and polyester coated inside and out
- Blue coating for Intrinsically Safe installations, including terminal strip
- Black coating for Ordinary Locations
- Special lever options for linear applications, maximum travel option of 230mm

316 Stainless Steel Shaft and Fasteners
- Two point cover fixing
- Captive lid bolts
- VDI/VDE 3845 F05 Mounting

K5L with Indicator

Visual Display
- Impact resistant polycarbonate
- Static free paint
- Pre-adjusted to 90° for easy installation
- Flat-top options

Environmental Extremes
- Operating temperatures from -58°F/-50°C to 158°F/70°C
- IP66/67

Multiple Switch Options
- Potential Free
- Inductive
- Proximity
- NAMUR

K5L | Available with (2) switches and (2) conduit entries

Ex ia IIC T6/T4
Ex tb IIIC
  -50°C up to +70°C
IP66/67

K7L | Available with (4) switches and (2) conduit entries along with 4-20 and HART transmitter options

Ex ia IIC T6/T4
Ex tb IIIC
  -50°C up to +70°C
High Temperature Options available up to 400˚C

Note: Product certification markings will vary according to protection method and internal components specified.

TopWorx™ K-Series

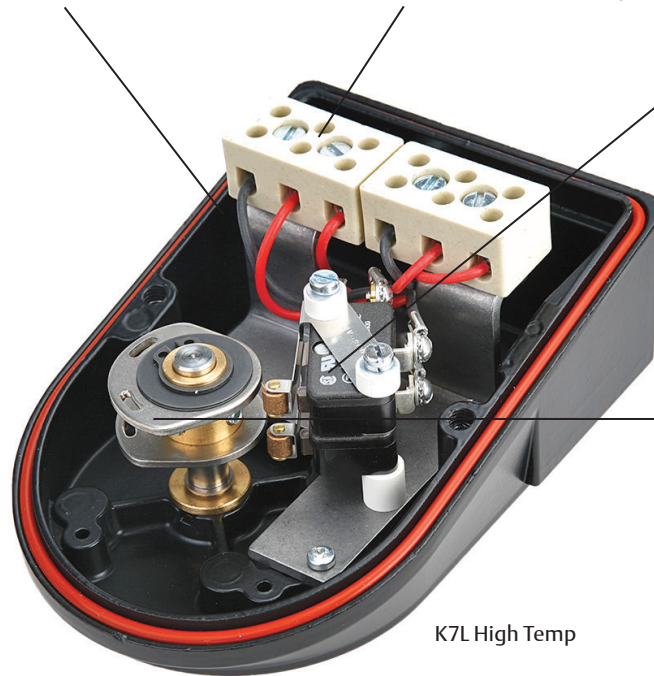## Durable valve control solutions for elevated and high temperature applications

Ensure your damper is shut down in the event of a fire or power loss. The TopWorx K7L has been specially engineered for high temperature application reliability. Tested by a third party to operate at multiple high temperatures with a varied exposure time for Smoke Dampers or On/Off Valves. With a compact design the K7L provides field proven assurance and accurate process feedback

High temperature wire with pressed-on terminal spades – no lead solder

Ceramic Terminal Strip

High Temperature SPDT switches – test to 400•C

Stainless Steel Cams

K7L High Temp

Operating Temperature	Exposure Time	Independently Tested
250˚C	3 hours	Yes
300˚C	3 hours	Yes
350˚C	3 hours	Yes
400˚C	3 hours	Yes