

VTE® - TopWorx™ TV-Series Switchboxes

High-Value Switchboxes with a Variety of Options

Compact, rugged, and dependable solution for discrete valve control and valve position monitoring where weight and real estate are at a premium. Light weight and robust enclosures specially designed for non-incendive, intrinsically safe and general purpose application. Each enclosure is suited for heavy wash down and corrosive environments and IP66/68 tested.

Light, Rugged and Compact Enclosure

- Aluminum, Stainless or Aluminum base with clear polycarbonate options
- (2) M20, M25, 1/2NPT, or 3/4NPT conduit options
- Direct ISO/NAMUR mount
- Silicone seals everywhere

Up to (4) Four Sensors Inside

- Factory Sealed GO Switches
- Mechanical –SPDT or DPDT
- Inductive
- Proximity
- NAMUR

Stainless Steel Shaft and Fasteners

- NAMUR Shaft
- Captive cover bolts and indicator screws



Environmental Extremes

- Operating temperatures from -58°F/-50°C to + 185°F/95°C
- NEMA Type 4, 4X

Visual Display

- Impact resistant polycarbonate
- Pre-adjusted to 90° for easy installation
- Intuitive colors
- Customizable

Pilot Valves

- Low or high power solenoid options
- Single or dual coil—single acting or double acting actuators
- Aluminum or Stainless Steel spool valve options

Multiple Tv-Series Platforms for Every Environment



TVH | Stainless Steel
Intrinsically Safe/Non-Incendive
Class I & II, Div 2
Ex ia IIC T6/T4/T3
-65°C up to +100°C
Ex nA nCT4/T3
Tamb -40°C up to +95°C
Ex tc IIIC
-50°C up to +85°C
II2GD, IP66/67, Type 4X,



TVL | Tropicalized Aluminum
Intrinsically Safe/Non-Incendive
Class I & II, Div 2
Ex ia IIC T6/T4/T3
-65°C up to +100°C
Ex nA nCT4/T3
-40°C up to +95°C
Ex tc IIIC
-50°C up to +85°C
II2GD, IP66/67, Type 4X



TVF | Tropicalized Aluminum Base with
Polycarbonate Lid
Intrinsically Safe/Non-Incendive
Class I & II, Div 2
Ex ia IIC T6/T4/T3
-65°C up to +100°C
Ex nA nCT4/T3
-40°C up to +95°C
II2G, IP66/67, Type 4X



TVA | Direct-Mount Composite Resin
Intrinsically Safe
General Purpose
Ex ia IIC T4 II2G
Tamb -40°C to 60°C

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

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