

TORQUE CONTROL SWITCHBOX

Torque Control Switchboxes

These are available in Composite and Aluminium Enclosures for all Rotary Operation of Ball, Butterfly and Plug Valves.

They are suitable for mounting on a Namur footprint Actuator. Standard mounting is 80 x 30 or 130 x 30 by 20 stem height. We can also accommodate stem heights from 30mm to 50mm.

All Switchboxes are IP67 enclosure and are also available in Explosion Proof with IEC Ex or Atex Certification.

Two glands suitable for either M20 F or 1/2" NPT thread are included in all Switchboxes. Normally supplied with 8 terminal strip or in special cases we can fit a 10 terminal strip. The sensors are colour coded for open & close positions and we can if needed, fit one or two additional switches for extra feedback.

Captive Cover Bolts eliminate the possible loss of bolts during mounting and assembly.

It is also possible on the Aluminium Exd Switchboxes to provide up to four cable entries. The design of this box does allow up to 3/4" NPT cable entry if needed.

We can supply a range of optional switches which can be fitted into the enclosure, these include Magnetic Reed, Inductive & Proximity, also Intrinsically Safe switches with Certification. Switches are available in various voltages. They can be fitted into both the Composite and Exd Enclosure with IECEx, Atex or Aus Certification.

All Switchboxes are fitted with a high visibility beacon indicator.

Overleaf we show some of the switch options which include Magnetic Reed, Inductive & Proximity, ASi Bus & Analogue Position Transmitter. We can also supply Profibus DP and Fieldbus protocol.

TCSB-10



TCS-1102



TCS-1331



SWITCHBOX OPTIONS



EASY SET
COLOUR CODED CAM

PROXIMITY
SENSORS



MECHANICAL & INDUCTIVE
SWITCHES

ANALOGUE POSITION
TRANSMITTER



FULLY ENCAPSULATED
ASI CARD



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