



Aluminium | IP.66 | Valve Position Monitor



Exd flameproof

Type SRA coated hard anodised aluminium valve position monitor dual Certified ATEX / IECEx II 2 GD / Ex d IIB+H2 T6 and Ex d IIC T6 providing a system ideally suited for zone 1 & 2 hazardous area locations typically found in the onshore process industries. The IP66 enclosure has a bolt-on cover and top mounted high visibility open / close position indicator.



Powder coated hard anodised aluminium enclosure for superior corrosion protection.

ATEX / IECEx Certified II 2 GD / Ex d IIB+H2 T6 and Ex d IIC T6 flameproof for zone 1 & 2 hazardous areas.

Ingress protection IP.66 to protect internal electrical components from the harshest environments.

Available with 2 x M20 conduit entries as standard (M25 & NPT versions are optional).

Switch / sensor terminations via. European approved terminal blocks.

Different electrical switch / sensor functions available including mechanical, reed proximity and inductive proximity.

Continuous feedback versions available with 4 to 20mA non-contact and programmable HART transmitters.

Bus communication versions available On Request including AS-Interface, DeviceNet, Foundation Fieldbus and Modbus protocols.

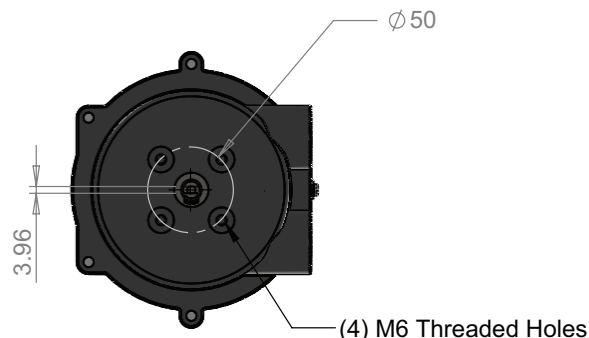
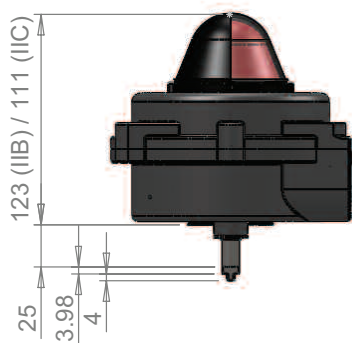
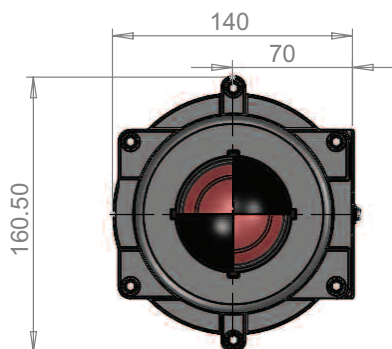
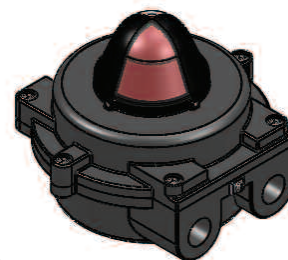
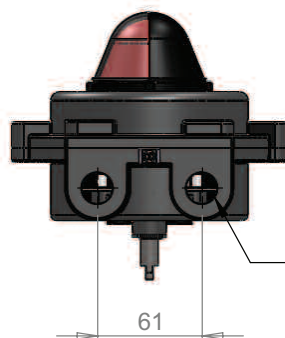
Touch and tune quick setting cams allow for fast and simple switch / sensor adjustments.

Compact design with bolt-on cover and top mounted high visibility open / close position indicator.

As standard, supplied with F05 mounting holes & Namur drive shaft to suit VDI/VDE.3845 topworks actuators (bracket required).

Special mounting kits available to suit non-standard topworks quarter-turn and linear stroke actuators.





**Note:** Output Drive shaft dimension shown is for Code 'M' Namur 25mm. Please contact Technical Sales for Code 'L' and Code 'S' options.

Imtex Controls Limited is constantly improving the specifications, design and production of its products and alterations take place continually. Whilst every effort is made to produce up to date literature this leaflet should not be regarded as an infallible guide to current specifications. E & OE.

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[www.imtex-controls.com/sra](http://www.imtex-controls.com/sra)

### Model Number Compilation (Drawing No. A190280)

Type	Electrical Function	Material of Construction	Conduit Size	Output Drive	Visual Indicator	Feature
<b>SRA</b>	<b>16</b>	<b>9</b>	<b>5</b>	<b>M</b>	<b>R</b>	<b>-</b>
						<b>I00</b>

Code	Electrical Function - Standard Options <sup>1</sup>
<b>14</b>	(2) DPDT Mechanical Switches
<b>16 / 55</b>	(2) / (4) SPDT Mechanical Switches
<b>17 / 56</b>	(2) / (4) SPDT Mechanical Switches 'GP' Contacts
<b>25 / 58</b>	(2) / (4) SPDT Reed Proximity Switches
<b>40 / 59</b>	(2) / (4) SPST Reed Proximity Switches
<b>42 / 52</b>	(2) / (4) V3 Inductive Proximity Sensors
<b>43 / 53</b>	(2) / (4) Other Inductive Proximity Sensors
<b>70</b>	4 to 20mA Transmitter (Non-contact)
<b>Material of Construction (Enclosure)</b>	
<b>9</b>	Aluminium (Anodised) Powder Coated
<b>Conduit Size</b>	
<b>5</b>	(2) M20 x 1.5
<b>8</b>	(2) NPT – 1 x ¾" / 1 x ½"
<b>B</b>	(2) NPT – 2 x ½" Optional 2 x ¾"
<b>D</b>	(2) M25 x 1.5
<b>E</b>	(2) 1 x M25 / 1 x M20

Code	Output Drive
<b>L</b>	Namur 15mm
<b>M</b>	Namur 25mm
<b>S</b>	2-pin Coupler
<b>Visual Indicator*</b>	
<b>R</b>	Red (Closed) / Green (Open)
<b>B</b>	Blue (Closed) / White (Open)
<b>E</b>	Red (Closed) / Yellow (Open)
<b>W</b>	Red (Closed) / White (Open)
<b>Y</b>	Dark Blue (Closed) / Yellow (Open)
<b>0</b>	No Visual Indicator
<i>*ABS material</i>	
<b>Feature</b>	
<b>lxx</b>	Dual ATEX / IECEx Ex d Certified
<b>'xx'</b>	See Note <sup>2</sup>

### NOTES

- Other Electrical Functions are available 'On Request'.
- The exact detail of electrical function fitted or any other special feature is not fully specified by the basic model code, therefore, the Feature Designator provides a mechanism for cross referencing to a centralised engineering log which identifies the detailed specification of the parts fitted in the given unit.
- Please refer to our Product Overview leaflet for full specification of the Electrical Functions provided or consult our Technical Sales.
- The maximum permitted power that can be dissipated within a specific model is specified on Drawing No.A160189 and the electrical characteristics and ratings of the components fitted must not allow this value to be exceeded.