



Valve Position Monitor

IP.66 / 67 | Stainless Steel | Ex ia intrinsically safe



Type SRX CF8M (316) stainless steel ATEX or IECEx Certified Ex ia valve position monitor provides a high integrity system ideally suited for zones 0, 1 & 2 hazardous area locations typically found in the offshore, marine and coastal process industries. The IP66 / 67 enclosure has a bolt-on cover and top mounted high visibility open / close position indicator.

Overview

- IP.66 / 67 CF8M (316) stainless steel enclosure for superior corrosion protection and protection of internal electrical components from the harshest environments.
- ATEX or IECEx Certified II 2 G / Ex ia IIC T6 intrinsically safe for zones 0, 1 & 2 hazardous areas.
- Available with 2 x M20 conduit entries as standard (½" 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.
- 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.



Ex marking: II 2 G | Ex ia IIC T4/5/6 Gb | T_{amb} = -50°C to +100°C

Certificate Number: Sira 09ATEX2162X | IECEx SIR 09.0066X | TR CU RU C-GB-D07.B.01792/2

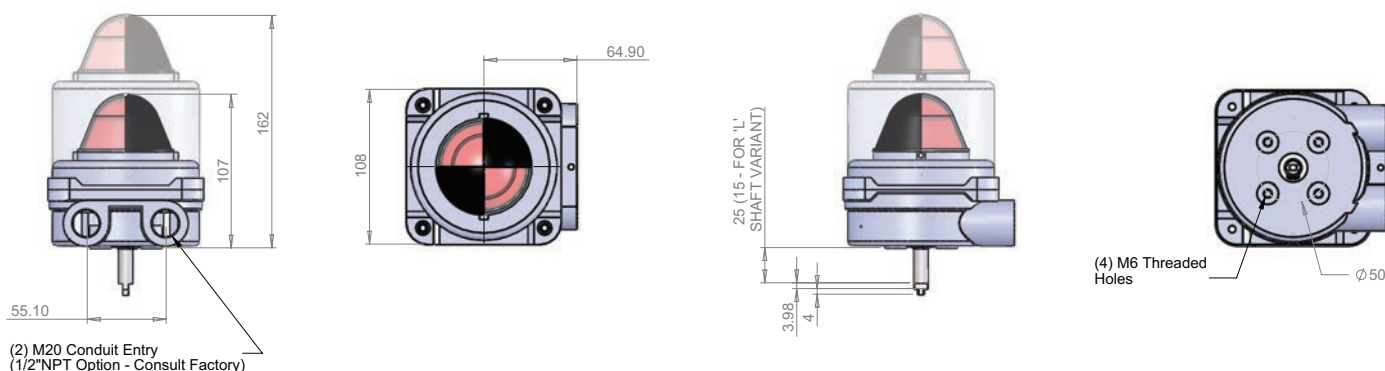
Notes:

The temperature class and ambient temperature range depends on the electrical function and construction of the system, please refer to hazardous area certificate documentation.



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Model Number Compilation (Drawing No. A190186 – IECEx / A190193 - ATEX)

Type Electrical Function Material of Construction Conduit Size Output Drive Visual Indicator Feature

SRX 42 S 5 M R - W00

Code	Electrical Function - Standard Options ¹
17 / 56	(2) / (3 to 6) SPDT Mechanical Switches 'GP' Contacts
40 / 59	(2) / (3 to 6) SPST / SPDT Reed Proximity Switches
42 / 52	(2) / (3 to 6) V3 Inductive Proximity Sensors
43 / 53	(2) / (3 to 6) Other Inductive Proximity Sensors
70	4 to 20mA Transmitter (Non-contact) / HART Optional
Material of Construction (Enclosure)	
S	CF8M (316) Stainless Steel
Conduit Size	
5	(2) M20 x 1.5
B	(2) NPT – 2 x 1/2"
Output Drive	
L	Namur 15mm
M	Namur 25mm
S	2-pin Coupler
Visual Indicator*	
R	Red (Closed) / Green (Open)
C	0 to 100% Graduated
0	No Visual Indicator

*ABS material

Code	Feature
Gxx	ATEX-Non-contact Transmitter w/Volt Free Switches (optional)
Hxx	ATEX-Non-contact Transmitter w/Type 2 Proximity (optional)
Jxx	ATEX-Resistive Transmitter w/Volt Free Switches (optional)
Kxx	IECEx-Certified Transmitter w/Volt Free Switches (optional)
Lxx	IECEx-Certified Transmitter w/Type 1 Proximity (optional)
Mxx	IECEx-Type 1 Low Temp Proximity Sensor
Nxx	IECEx-Type 2 Low Temp Proximity Sensor
Pxx	IECEx-Certified Transmitter w/Type 2 Proximity (optional)
Qxx	IECEx-Type 2 Proximity Sensor
Rxx	IECEx-Type 1 Proximity Sensor
Sxx	IECEx-Volt Free Switches
Txx	ATEX-Type 1 Low Temp Proximity Sensor
Uxx	ATEX-Type 2 Low Temp Proximity Sensor
Vxx	ATEX-Resistive Transmitter w/Type 2 Proximity (optional)
Wxx	ATEX-Type 2 Proximity Sensor
Yxx	ATEX-Type 1 Proximity Sensor
Zxx	ATEX-Volt Free Switches
'xx'	See Note ²

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.
- Functions 17, 40, 42 & 43 (cylindrical sensors up to 36mm long only) use a small cover, other functions use a tall cover.