



Type **SRX**

IP.66

**Stainless Steel
Valve Position Monitor**



The type SRX valve position monitor provides a high integrity system with protection from corrosive or environmental attack found in offshore and typical process plants.

Incorporating features that allow plant personnel to install, monitor and maintain the valve assembly with the minimum of fuss, the units dual function position monitoring system is available with mounting arrangements that allow compact attachment to both quarter-turn and linear process valves.

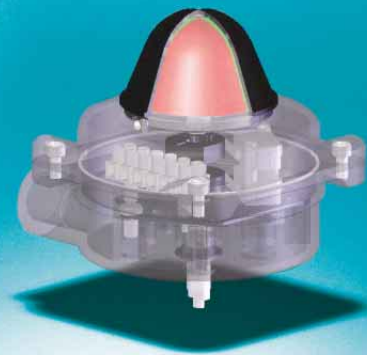
Features and Benefits

- IP66 CF8M (316SS) stainless steel enclosure for superior corrosion protection and mechanical resistive properties.
- Versions available providing compatibility for hazardous area applications including EEx ia intrinsic safety.
- A bolt-on cover ensures secure isolation of electrical components.
- High visibility position indicator with different colouring options providing clear local indication of the current valve/actuator position.
- Touch and tune quick setting cams allow fast and simple switch adjustments.
- Stainless steel drive shaft that eliminates the problems associated with plastic shaft assemblies thus allowing precise switch setting.
- Switch termination via. European approved terminal blocks.
- Compact design provides considerable space saving over similar equipment without compromising the ease of installation or maintenance.
- Simplified mounting arrangements allow quick and secure mounting to pneumatic actuators with including VDI/VDE.3845 topworks as well as other actuators with non-standard topworks.
- Different electrical functions available including mechanical switches, reed type proximity switches, inductive proximity sensors and bus communication modules.



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Materials of Construction

Housing	CF8M (316SS) Stainless Steel	Cover	CF8M (316SS) Stainless Steel
Indicator	Polycarbonate	Shaft	300 Stainless Steel
Seals	Nitrile Elastomeric Compound (Optional – Viton)		

Enclosure

Type	Weatherproof	Ingress Protection	IP66
Conduit Entries	2 x M20 (Optional – 1/2" NPT)		

Visual Indication

Type R	Red Closed / Green Open (Optional – Blue Closed / White Open, Navy Closed / Yellow Open)
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Switch / Sensor Functions*

16	(2) SPDT V3 Mechanical	10 A @ 125/250 VAC, 0.5 A @ 125 VDC
16	(2) SPDT V3 Mechanical 'Gold Plated' Contacts	1 A @ 125 VAC, 0.5 A @ 30VDC
33	(2) SST Dual Module	0.3 A @125 V AC/DC
40	(2) SPST Reed Type Proximity	0.15 A @ 30 VDC
42	(2) V3 Namur Type Inductive Proximity EEx ia	On I <1mA, Off I >3mA, 8 VDC Nominal
	(2) V3 Inductive Proximity 3-Wire PNP or NPN	On Request
43	(2) Cylindrical or Slotted Namur Type Inductive Proximity EEx ia	On I <1mA, Off I >3mA, 8 VDC Nominal
	(2) Cylindrical Inductive Proximity 3-Wire	On Request
96	AS-Interface Communication (2.1)	Open & Closed Inputs / 2 Auxiliary Inputs / 2 Power Outputs, Input 24 to 30 VDC, Output 24 VDC 4 Watts Combined (Max.), 160 mA Combined (Max.)
97	AS-Interface Communication (2.1) with Extended Addressing	Open & Closed Inputs / 2 Auxiliary Inputs / 1 Power Outputs, Input 24 to 30 VDC, Output 24 VDC 2.4 Watts (Max.), 100 mA (Max.)

Hazardous Area Classification

Functions 16, 33 42, 43, 96 and 97	Non-Hazardous
Functions 17, 40, 42 (2-Wire Namur) and 43 (2-Wire Namur)	EEx ia IIC T6 Intrinsic Safety (Applied for)

*Note – Other models available on request