



IMTEX VALVE POSITION MONITOR - MODEL SELECTOR

AQSS-IA-VPT

Imtex Type AQ Valve Position Transmitter incorporating 4 to 20mA solid state non-contact transmitter. IP.66/67 rated CF3M (316L) stainless steel enclosure with screw-on cover, (2 or 3) conduit entries and green / red high visibility position indicator. Certified ATEX II 2 G / Ex ia intrinsically safe.

	1	2	3	4	5		6		
	FUNCTION	ENCLOSURE	CONDUIT	OUTPUT DRIVE	INDICATOR		FEATURE SUFFIX	IDENT	
Model #	AQ	70	S	5	S	O	-	G TH	-

Technical Specification

AQ	Valve Position Monitor, GP / Ex ia
70	Position Transmitter (1)
S	Stainless Steel
5	(2) M20 x 1.5
S	2-Pin Drive (Note: Additional coupler required!)
O	No Visual Position Indicator
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G	Certified (Ex ia) Transmitter - Non-Contact (with optional Volt Free Switches)
TH	Non-Contact Solid State, 4 to 20 mA + (2) MagProx SPDT Reed Proximity Switches (1A, Rhodium Contacts) + Terminals
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Application Note

When installing our standard low power Mag Prox Hermetically sealed SPDT reed switches with Rhodium contacts in applications with an extended cable run over 50 metres, sufficient allowance for cable capacitance has to have been made and proper circuit protection must be used. Without this, the contacts could become welded due to the high current spike when the switch changes state. In the event that no circuit protection is available, please contact our Technical Sales for further recommendations.

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Certification

Sira 10ATEX2060X - II 2 G / Ex ia IIC T4/T5/T6 Gb

Ambient Temperature Range

-50 Deg.C to 85 Deg.C (T4)

Minimum to Maximum of Product Type

(NB Please refer to electrical function used for specific recommended limits)

Dimensional Drawing No.

AQ-DIM-002 (Tall) / AQ-DIM-003 (Small)

Electrical Parameters

12 to 24VDC (Non-contact Transmitter) / 125 V AC / DC (Reed Switches with Rhodium Contacts)

