Smart High-Performance Positioner Model Selection

E - EXECUTION (HAZARDOUS CERTIFICATIONS) (1

Intrinsically Safe

Intrinsically Safe

Explosion Proof

Intrinsically Safe

Flame Proof

ATEX / IECEx

ATEX / IECEx

UL

UL

CCC

CCC

CU TR

CU TR

FCASEx

ECASEx

INMETRO

INMETRO

KOSHA

KOSHA

PESO

PESO

SANS

SANS

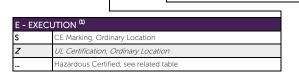
UKCA (11)

UKCA (11)

G

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В



H - COMMUNICATION

H 4-20 mA & HART 7

SHP -

D - EXHAUST PORT		
0	Standard	
1	Collected	
2	Closed loop (2)	
3	Checked Exhaust Model 1 (special) (3)	
4	Checked Exhaust Model 2 (special) (3)	

F - POSITION SENSOR Contactless Integrated (4) Potentiometer Integrated (special) Not Integrated Position Sensor (5) (special)

A - SIGNAL FAIL POSITION A Fail Safe F Two Wires Fail Freeze / Zero Bleed in Steady State (6)

L - LOCAL INTERFACE Blind cover, without display and push button Display and push button

- TYPE & CONNECTIONS ype

туре			Connections	
			Electrical	Pneumatic
S	High flow double/single acting	CV 2,3	1/2" NPT	1/2" NPT
R	Standard flow double/single acting (special)	CV 0,3	1/2" NPT	1/4" NPT

M - MATERIAL A Aluminum low copper housing S Stainless steel 316 housing

OPTIONS CONTRACTOR OF THE PROPERTY OF THE PROP		
+2M	Quantity 2 SS316 pressure gauges on actuator side ports (A,B)	
+3M	Quantity 2 SS316 pressure gauges on actuator side ports (A, B) + Quantity 1 SS316 pressure gauge on supply port (IN)	
+RS	Remoted position sensor application	
+LB	Low bleed application $\langle \tilde{l} \rangle$	
+M20	Quantity $1^{(8)}$ or quantity $3^{(9)}$ adapters for electrical connection M20x1.5	
+Pack1	Standard Pack ⁽¹⁰⁾ , Step Test, Valve Signature Test, Dynamic Error Band Test, Pressure Fallback	
+Pack2	Pack1, Stability Control, Soft Approach To Seat (Soft Cut Off), Frequency Test	
+Pack3	Pack2, Online Logger	
+CBL	SHP Remote Control Software connection cable (High Speed Transfer Data USB cable)	
+4WF	Four Wires Fail Freeze ⁽¹²⁾	
+CP	Custom Painting (13)	

- (1) All the configurations are IP 66. All the configurations are SIL3 capable (except "Two Wires Fail Freeze"). Grey marked "certifications" will be available soon
- (2) Available only for single acting actuators.
- $(^{\rm 3}\!)$ Only for configurations SHP-S, SHP-I and SHP-D.
- (4) Additional magnet holder (+MG) is required, depending on application. For further informations, please see IOM.
- $(\sp{5})$ Option +RS mandatory for this configuration. For further informations, please see IOM.
- (6) Additional accessories are required. For "Explosion Proof" or "Flame Proof" models select option +FF. For further informations, please see IOM.
- $(^{7})$ Available only with "Reduced flow" design
- (8) Only for "Explosion Proof" or "Flame Proof" models.
- (9) Only for "Intrinsically Safe" models.
- (10) Software (RC) with: Self-tuning, Pilot Test, System Status, Parameter Monitoring, Graph Comparison, Parameter Measurement, Events, Counters, Partial Stroke Test.
- (11) ATEX marking is recognized by UK as valid certification. UKCA marking is not anymore mandatory. Select configurations SHP-S, SHP-I or SHP-D for UK market.
- (12) Available only for "Fail Safe" positioners. Additional accessories and wiring are necessary. For further information, please see IOM.
- (¹³) Available only for Stainless Steel 316 housing. Additional feasibility studies must be conducted.