

TROVIS SAFE 3730-6 and TROVIS SAFE 3731-3 Positioners

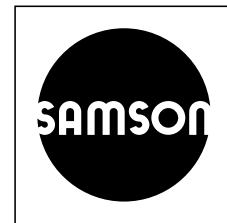


Safe with Automated On/off Valves

- SIL certification
- Emergency venting
- Integrated diagnostic functions
- Partial stroke testing to increase plant availability
- Full stroke testing to assess the dynamic control response
- Preset parameters for on/off service
- HART® communication



TROVIS SAFE 3730-6 and TROVIS SAFE 3731-3 Positioners



	TROVIS SAFE 3730-6		TROVIS SAFE 3731-3	
Attachment	Linear actuators: SAMSON integral attachment, IEC 60534-6-1, VDI/VDE 3847-1	Rotary actuators: VDI/VDE 3845 VDI/VDE 3847-2	Linear actuators: SAMSON integral attachment, IEC 60534-6-1	Rotary actuators: VDI/VDE 3845
Travel	Adjustable from 3.6 to 300 mm		Adjustable from 3.6 to 300 mm	
Opening angles	Adjustable between 24 and 100°		Adjustable between 24 and 100°	
Set point	4 to 20 mA		4 to 20 mA	
Signal pressure (output)	0 bar up to the capacity of the supply pressure, can be limited by software		0 bar up to the capacity of the supply pressure, can be limited by software	
Characteristics	3 characteristics for globe valves, 2 characteristics for rotary valves, user-defined		3 characteristics for globe valves, 2 characteristics for rotary valves, user-defined	
Explosion protection	Intrinsic safety, non-sparking equipment		Flameproof enclosure	
Certification according to IEC 61508/SIL	Suitable for use in safety-instrumented systems according to IEC 61511 up to SIL 2 (single device/HFT = 0) and SIL 3 (redundant configuration/HFT = 1)			
Electrical connections	One M20 x 1.5 cable gland for 6 to 12 mm clamping range, second M20 x 1.5 threaded connection additionally exists		Two threaded holes ½ NPT or optionally M20 x 1.5	
Pneumatic connections	G ¼ or ¼ NPT		G ¼ or ¼ NPT	
Degree of protection	IP 66		IP 66	
Materials	Die-cast aluminum, chromate coating and powder paint coated Special version: stainless steel		Die-cast aluminum, chromate coating and powder paint coated	
Options	Software limit contacts ¹⁾ , inductive limit contact, fault alarm output ¹⁾ , solenoid valve, forced venting, binary input, analog position transmitter, leakage sensor, external position sensor		Software limit contacts, fault alarm output, forced venting, binary input, analog position transmitter	

1) Standard

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