

# Operation made simple

Type 3730-2 / 3730-3 Positioner

SAMSON

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- Arbitrary mounting position
- Easy single-knob operation
- Turnable display
- Calibrated displacement sensor
- Four start-up modes
- Small loads

# Technical data




Travel Attached to Type 3277 Actuator Attached acc. to IEC 60534-6 (NAMUR) Attached acc. to VDI/VDE 3845	3.6 to 30 mm (0.1 to 1.2 in.) 3.6 to 200 mm (0.1 to 7.9 in.) 24 to 100° angle of rotation
Reference variable w	4 to 20 mA, split-range
Minimum current	3.6 mA
Load	3730-2: Non-Ex version 300 Ω, Ex version 350 Ω; 3730-3: 410 Ω
Supply air	1.4 to 6 bar (20 to 90 psi)
Signal pressure (output)	0 bar to capacity of supply pressure, can be limited by software
Characteristic	Adjustable, deviation ≤ 1 %
Hysteresis	≤ 0.3 %
Response	≤ 0.1 %
Transit time	For venting and filling separately adjustable up to 240 s
Direction of action	Reversible, adjustment by software
Air consumption	Independent of supply air approx. 110 I <sub>n</sub> /h (0.06 ft <sup>3</sup> /min)
Effect of vibration	≤ 0.25 % up to 2000 Hz and 4 g acc. to IEC 770
Communication	Locally for all parameters SAMSON SSP interface (TROVIS-VIEW) HART® protocol (3730-3)
Explosion protection	Ex II 2 G EEx ia IIC T6 ATEX certificate
Options	Inductive limit switch Integrated solenoid valve Analog position transmitter External position sensor
Degree of protection	IP 65
Fault indication output	1
Software limit switches	2