



PRESS RELEASE

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New Generation of Series 3730 Positioners

SAMSON introduces two new positioners from the Series 3730 – TROVIS 3730-1 and TROVIS 3730-3 – at the 2018 VALVE WORLD EXPO. The new positioners for 4 to 20 mA applications combine the latest technological developments with the proven device base known from the Type 3730-1 and Type 3730-3 predecessor models. Both positioners are particularly rugged thanks to their no-wear, non-contact travel sensing system. Two inductive limit contacts are available to reliably indicate both valve end positions. At the same time, the positioners' air consumption has been reduced considerably by upgrading the pneumatics block. Operation continues to rely on the rotary pushbutton taken over from the successful Series 3730. TROVIS 3730-3 communicates over the HART® 7 protocol and comes with the proven EXPERTplus valve diagnostics with optimized features. To facilitate operation, the positioners are fitted with a plain-text display that indicates the condensed state according to NAMUR, measured values, start-up settings as well as messages in English or German. TROVIS 3730-3 is additionally ready for interconnection with SAM CHEMICALS, the cloud-based business application for the process industry.

The Series 3730 Positioners, which have been on the market for 15 years, includes several positioner models with varying electronic components and the associated different features, such as ease of operation, range of functions, communication and diagnostics. While the Type 3730-0 gets by without a microprocessor and is reduced to the essential functions, the 3730-1 and higher positioner models use digital signal processing for automatic start-up. Optional equipment, such as limit contacts, binary inputs and outputs, external position sensor and solenoid valve, ensures that the positioner configurations can be adapted to specific customer requirements.

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