Where Innovation is Tradition

SAMSON continues its tradition of constantly developing its products further, bringing together innovation and proven SAMSON technologies. Two of these new products presented at this year’s ACHEMA trade fair will be the Type 3291 Valve and the Type 3730-6 Positioner. Both are examples of how SAMSON devices that are well established on the market have been enhanced to provide an added value.

The **Type 3291 Valve** combines the proven V-port plug and clamped-in seat. It is particularly suitable for use under severe operating conditions as they exist in petrochemical applications, for example. The valve shows a considerably lower tendency to hunt. Its design makes it hard for deposits to form and clog up the valve, a problem frequently encountered in pure cage valves. The valve is particularly easy to service as it can be assembled using standard tools. SAMSON's well-known modular valve design makes it very versatile in use: accessories, such as flow dividers, perforated plugs, insulating sections, bellows seals, positioners, limit switches and solenoid valves, can be mounted without any problems.

The **Type 3730-6 Positioner** with HART® communication is a further development of the successful Series 3730 Positioners. The new pressure sensors integrated into the positioner reliably monitor the supply and signal pressures. The positioner's standard version comes with the proven EXPERTplus valve diagnostics that allow the entire operating cycle of control valves used in throttling or on/off service to be monitored. Partial stroke testing (PST), that provides information on whether shut-off valves function properly on demand, can be started by hand or automatically. Diagnostic data can be read much quicker thanks to the improved HART® communication. Emergency shutdown is guaranteed in accordance with IEC 61508 up to SIL 3, which makes an additional external solenoid valve redundant.

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