

STROKE COUNTING



STROKE COUNTING (OPTION CODE SC1, SC2, SC3, SC5, SC6)

A sensor is installed in the central pump housing to count the strokes. The diaphragm movement is scanned without contact by this sensor - a safe form of monitoring totally independent of external influences and the pump's mode of operation. The issued sensor pulses can be sent as output data to existing detectors or to a stroke counter (can also be supplied). When the preset value is reached, the stroke counter sends an output signal which can then be processed further, for instance in order to shut down the pump via a solenoid valve.

The stroke counting system is available in five variations:

- SC 1 Stroke sensor (Napur), also for explosion-proof zone
- SC 2 Stroke counting system complete with sensor and stroke counter
- SC 3 Stroke counting system complete with sensor, stroke counter and controller for explosion-proof zone
- SC 5 Stroke counting pneumatical with pressure transmitter
- SC 6 Stroke counting as SC5 but cpl. with stroke counter

In case only the sensor is included (code SC1), it has to be connected to an existing controller with Napur inlet. For explosion-proof applications, stroke counting option requires an intrinsically safe controller (code SC3), which has to be installed between sensor and counter. The wiring diagram and technical data can be found on the electric units themselves. For further details, please refer to the data delivered by the manufacturers of the components. The controllers have to be installed in a suitable cabinet.