

SSV REMOTE CALL-UP DEVICE AVAILABLE AS UPGRADE

Regulators, moving with the times

In the course of the last few years the influence of electronics has continued to grow throughout the field of gas supply. As a result of this development, the requirements Elster-Instromet's gas pressure regulators now have to fulfil have also increased correspondingly. In order to monitor safety shut-off devices (SSV), a new SSV remote indication system is now available. With the help of this device, errors or disturbances in the gas supply can be reported at an early stage.

This system is designed for the MR series regulators and enables a simple and safe way to call up the switch status of the shut-off device with the aid of a standardised process control system. If a shut-off device closes because of an error in the system, this is registered via a sensor and transferred by means of a switch amplifier to the electronic evaluation device.

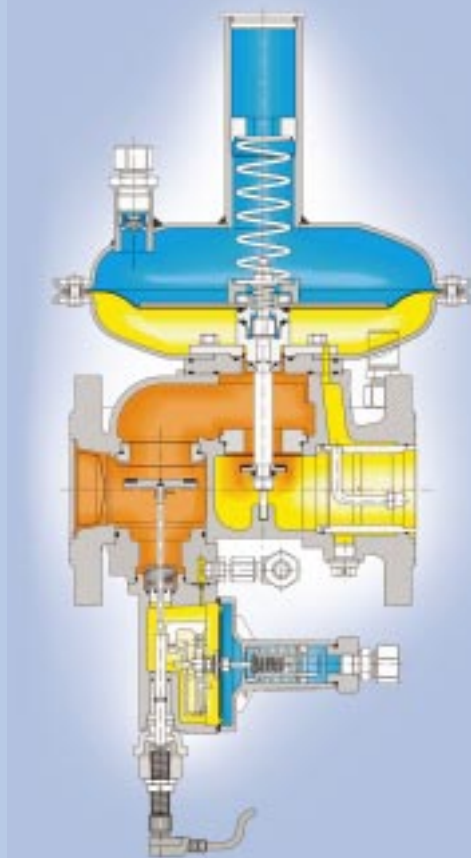
This for example is possible by using a status input of a DL220 data logger. This device can monitor the status of the SSV and, in the event of an error, send an SMS via GSM modem to inform the service team.



Gas pressure regulator including SSV remote indicator

Calling up the status of the SSV is made possible with the help of an inductive sensor. This operates in accordance with the NAMUR standard, which means it can easily be integrated into any common system. Since the sensor in question is a standard component, it is also possible to use it in hazardous areas. All electronic components are approved for use in hazardous areas in accordance with 94/9/EG.

Cross section MR 50 PN 10



In the case of new gas pressure regulators, the remote indicator can be supplied ex-works. However, with the help of an upgrade-kit it is also possible to retrofit the new device on site in an already operational regulator.

All SSVs currently in use with either over or over/under-pressure settings can be upgraded in this way. The function of the SSV is in no way impaired.

The indicator device is fitted with a plug-in connection which makes the installation particularly simple. In order to reset the regulator, the plug is first removed and then the device can be reset in the usual way.

Do you also want to be at the cutting-edge of technology? We'll gladly help if you have any questions concerning our remote call-up device.

Thorsten Gruber

t.gruber@elster-instromet.com