Limit switch box for quarter turn valves

GEMÜ is expanding its range of electrical position indicators for quarter turn valves

*The valve specialist GEMÜ is launching electrical position indicators for manually and pneumatically operated quarter turn valves.*

To automate process plants, the [GEMÜ LSC limit switch box](https://www.gemu-group.com/de_DE/mess-und-regeltechnik/elektrische-stellungsrueckmelder/produktliste/elektrischer-stellungsrueckmelder-lsc/) detects the valve position of manually and pneumatically operated quarter turn valves. This is signalled by an optical indication and transmitted to the plant control system. The GEMÜ LSC position indicator can be fitted to all quarter turn valves, such as butterfly valves or ball valves, with a VDI/VDE 3845 standard interface. GEMÜ offers solutions pre-installed on GEMÜ butterfly valves or ball valves, but retrofitting is also possible. Up to four position feedback messages can be sent. In addition to simple microswitches, the GEMÜ LSC limit switch is also available with 2-wire or 3-wire proximity switches. It has the protection class IP 67 and is suitable for explosion-proof areas acc. to ATEX and IECEX. The GEMÜ LSC limit switch box has also been checked to ensure the reliability of safety functions and has SIL approval. A 3D optical position indicator or OPEN/CLOSED LED display is optionally available. A variety of electrical connections are also available, such as an M20 cable gland, an M12 plug or an NPT threaded connection.

Besides the existing GEMÜ LSF inductive dual sensor, the company is expanding its range of electrical position indicators for quarter turn valves with the addition of the GEMÜ LSC limit switch box, therefore enabling quarter turn valves to be integrated and controlled in automated plants.

Figure 1: GEMÜ 481 Victoria butterfly valve with GEMÜ LSC electrical position indicator fitted