

Ball valve with electrical actuator 6E

To design the application more simply and accurately, new automated measuring point selectors from emtechnik were developed. They were used in closed rooms, such as a clean room, and preconnected to an analysis device. The electrical actuator and the mechanically manufactured measuring point selector can monitor 8, 10, or 16 measuring points.

The locations are usually structurally separated as they are too large for a central measuring point, among other things. The device clocks all active sampling boxes with a specified interval duration and extracts at a special position. Measuring points that are not required can be skipped during the configurations. The active measuring point is connected through to the analysis device. If an alarm is triggered, the measuring points can be switched manually or according to individual customer specifications to determine the exact location of the gas emission. The automated measuring point selector is fitted with a BUS system, where up to eight measuring point selectors can be connected with each other.