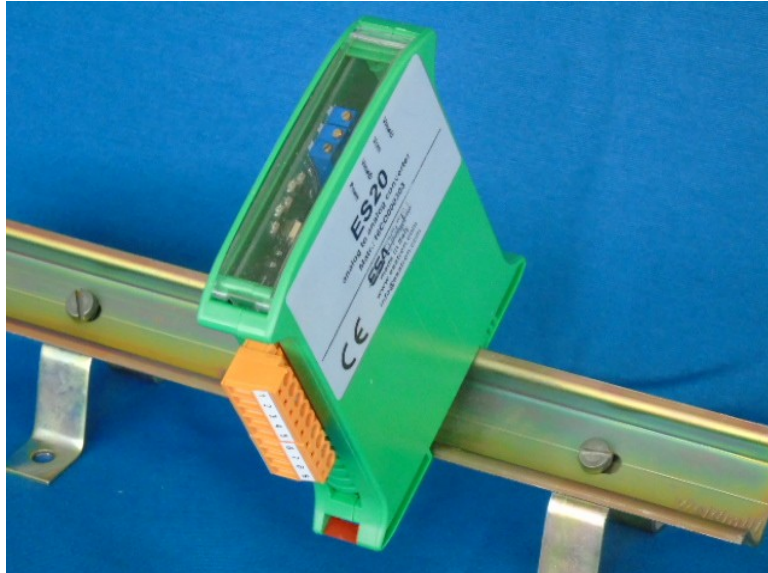


ES20

Analog / analog converter for proportional bidirectional hydraulic servo valves



The ES20 signal converter transforms an input voltage (0-10 V range) into an output voltage suitable for controlling a proportional bidirectional hydraulic servo valve.

The output voltage is a percentage of the power supply voltage so as to keep the flow of the valve constant even when there are fluctuations in the supply power, thus avoiding the use of expensive voltage stabilizers.

The safety circuit checks the reference voltage, activating the error output and bringing the output voltage back to 50% of the supply voltage in case of anomalies.

An enable input and two manual operations inputs complete the control logic.

- Power supply 24 Vdc. (+/- 25%)
- Reference voltage input 0-10 Volts
- 2 digital inputs PNP 24 Vdc. with status LEDs
- Voltage output for valve control, range 25% - 75% of the supply voltage
- Error signal output PNP 24 Vdc.
- Manual operations outputs adjustment trimmers
- Sizes (mm): 100(h) * 23(l) * 120(d)

