

## Datasheet

### ILB24-A-210043



The ILB24-A is an Intelligent Line Break controller which is used for pipeline monitoring and controlling. The controller fits any hydraulic and pneumatic, rotary and linear, double acting and spring return actuator.

#### Pipeline monitoring

- High and low pressure monitoring: Major and minor
- Rate of Drop – RoD: Major and minor
- Rate of Rise – RoR: Major and minor
- Differential pressure: Major and minor
- Movement alarm: Open and close

#### Logging and event functions

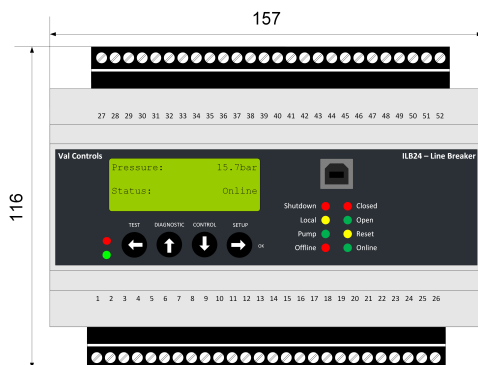
- 24/7 event and data logging
- Internal memory up to 30 years data
- Watch with battery backup
- Advanced protection with password and several levels
- Monitoring and logging software – VCDC
- Partial stroke test

#### Approvals and standards

- EMC according to IEC 61000
- Vibration and transportation according to IEC 68000
- Radio disturbance according to EN 55022

#### Design

- Temperature range: -30°-+80°
- Ingress protection: IP20
- Enclosure material: Plastic
- Weight: 0,5kg
- Dimensions: 157x116x58mm



#### Local user interface

- Display with menu
- Indication LEDs
- USB connection



#### Connections

##### Power

24VDC – unit power consumption <2W

##### Communication

- Modbus RTU – RS-485
- 4-20mA transmitter output – Indicates position or pipeline pressure



##### Sensors

- 4-20mA pressure transmitter - Upstream
- 4-20mA pressure transmitter - Downstream
- 4-20mA position transmitter – Position of valve
- 4-20mA pressure transmitter – Pump pressure

##### Outputs

6 x 24VDC outputs (solenoids, lamps, alarms etc.)

##### Inputs

- 2 x inputs for 24VDC (remote open/close, reset etc.)
- 4 x inputs for relays (push buttons etc.)
- (inputs and outputs can be reconfigured to other functions)