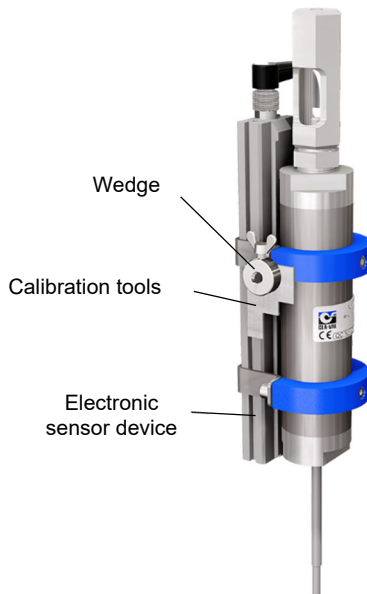


### ► Simple and Reliable

Ideal to determine the valve opening precisely!



Example of assembly:  
Position Control Valve type CLA-VAL D22-138-L20 with e-Lift-34

**Description:** The e-Lift-34 provides the position of a CLA-VAL regulation valve via a 4-20 mA signal. When linked to a supervision system, the valve position is accessible in real-time.

Valve position is determined via magnetic field detection, avoiding direct physical friction and consequent mechanical degradation, ensuring outstanding product longevity.

The CLA-VAL e-Lift-34 includes a calibration tool allowing very easy on-site calibration, without the need to get water through the valve.

The e-Lift-34 valve position sensor fits perfectly in hydraulic systems controlled by the powerful CLA-VAL D22 electronic valve controller. These systems can be autonomously powered by the CLA-VAL e-Power IP turbine.

**Functionality:** A mobile stem directly connected to the main valve stem will follow the valve movements.

The mobile stem embeds a magnet, which is stabilized with an ingenious mechanical system avoiding rigid fixing. The valve position is then determined very precisely by capturing the magnetic field generated by the magnet.

The magnet support is guided over the full range, ensuring exceptional measurement accuracy, and repeatability.

A calibration tool delivered with the e-Lift-34, and an easy calibration process greatly simplify on-site calibration without the need to fully open the valve.

### ► Technical Data



#### Electrical Specifications

Power supply:	Voltage: 10 VDC to 30 VDC Consumption: 100 mA nominal Voltage protection: Max. 32 VDC overvoltage, polarity inversion & short-circuit Temperature protection: Max. 80°C with automatic stop
Connection:	1x5 or 10 meters shielded cable (8 wire) Wire section: 0.25 mm <sup>2</sup> Cable diameter: 7 mm
Position signal:	1x4-20 mA (output load ≤ 500 Ω)
Output protection: (4-20 mA)	Max. 32 VDC overvoltage (4-20 mA is at the same voltage, isolated)
Operating diagnostic:	Via LED diagnostic, as referenced in the user manual (Red-green blinking)



#### Other Specifications

Operating temperature:	-10°C to +70°C (Electronic only)
Protection:	IP68 Validated: 1 month at 2 m water depth
Interface:	2x Push buttons in a junction box Optionally CLA-VAL D22 Electronic Valve Controller