

THE LEVER FOR DIGITALIZATION.

EBRO sensor locking lever

with integrated end position feedback:
Turning manual valves smart –
safe, digital, and suitable for retrofitting.



PROCESS-SAFETY STARTS WITH THE DETAILS.

Digital monitoring of automated components has long become the standard in modern industrial facilities. Operating conditions are transparent, processes are traceable, and interventions are fully documented.

However, a critical safety gap often remains: Manually operated valves, such as those used to isolate process sections during maintenance or manual filling processes, the actual valve position often remains unknown and operating processes cannot be clearly traced. The effects of this can be enormous in the worst case. A single incorrectly positioned valve, even a briefly unnoticed misalignment, or a single undocumented intervention can be enough to disrupt processes, compromise product quality, or damage system components. Especially in sensitive applications, a seemingly minor uncertainty can quickly turn into a substantial operational risk.

An integrated approach to process safety – with the EBRO sensor locking lever.

This is the very gap that the EBRO sensor locking lever closes by immediately integrating the end position feedback into the hand lever. This turns a strictly manual valve into a transparent part of the interlinked system. No external special attachments are needed. It renders every actuation transparent and trackable.

The EBRO sensor locking lever is available for F04, F05, and F07 flanges, making it suitable for nominal sizes up to DN 200. It is ideal for retrofitting existing systems, providing a cost-efficient and economically efficient solution for integration of manual butterfly valves into linked process landscapes without any elaborate, individual special attachments.

PROCESS-SAFE.

- Avoidance of unrecognized incorrect positions in operation
- Consistent safety level throughout
- Reproducible feedback
- Clear visual feedback right at the hand lever

DIGITAL.

- Digital integration without any additional components
- Real-time feedback for linked systems
- Transparent process monitoring

SUITABLE FOR RETROFITTING.

- Compatible with existing hand-operated valves
- Standardized connections for simple integration
- No conversion of the entire system necessary
- Cost-efficient

SWITCHING POINTS

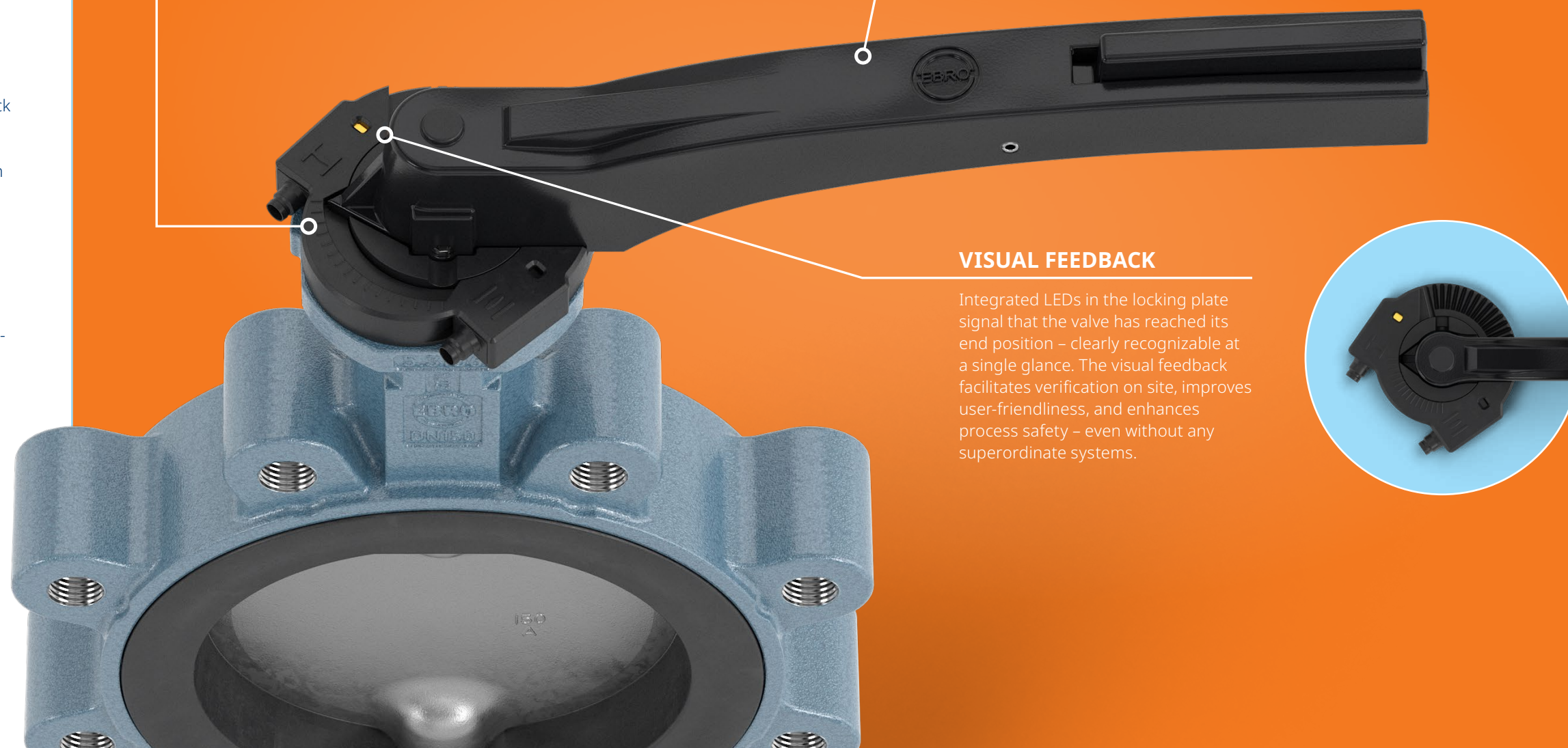
The mechanical design of the EBRO sensor locking lever defines fixed switching points that permit clear integrated end position feedback – reproducible and independent of the operating personnel. Incorrect operations are reliably excluded to make an essential contribution to process safety.

COMPACT ASSEMBLY

The highly integrated and compact design of the EBRO sensor locking lever minimizes open movement ranges and reduces the risk of crushing while handling. This increases workspace safety, particularly in confined installation situations or at frequent manual actuation. Standardized connections facilitate integration into existing systems.

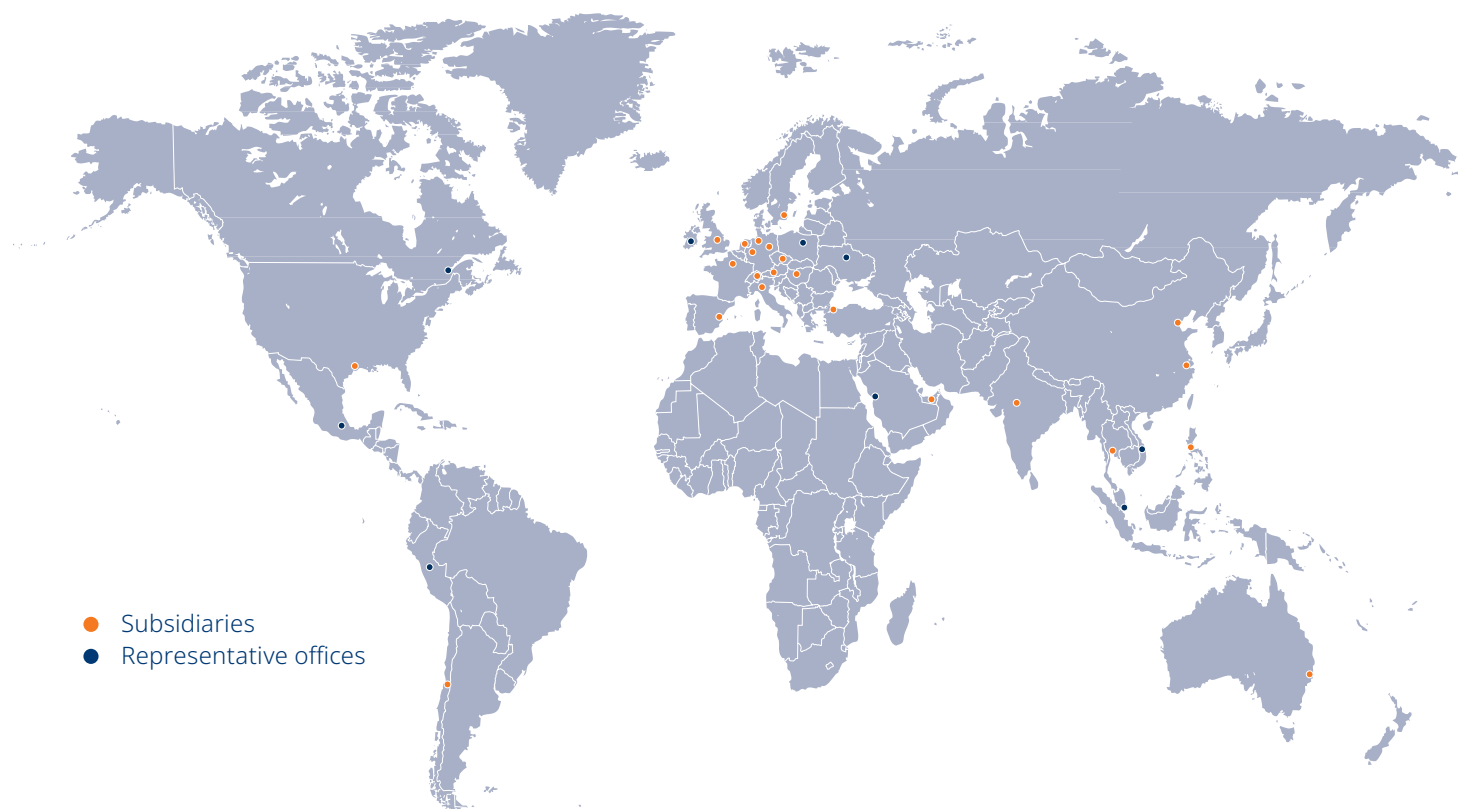
VISUAL FEEDBACK

Integrated LEDs in the locking plate signal that the valve has reached its end position – clearly recognizable at a single glance. The visual feedback facilitates verification on site, improves user-friendliness, and enhances process safety – even without any superordinate systems.



THE WORLD OF EBRO ARMATUREN.

Our international network



Since the company was founded in 1972, EBRO ARMATUREN has been developing, producing and selling shut-off and control valves as well as automation technology for industrial applications. More than 1,000 employees at two domestic and 30+ international subsidiaries ensure that EBRO products are available in over 100 countries worldwide. Within the global network, production takes place at the headquarters in Germany and in Italy, Sweden, China and Thailand with uniformly high manufacturing and quality standards.

In 2005, the Swedish manufacturer Stafsjö Valves AB was acquired and the product range was extended by an extensive portfolio of knife gate valves.

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