



EXACT POSITIONING FOR CRANES

OUR SOLUTION FOR YOUR CRANES

The new VAHLE APOS Magnetic U20 system ensures that you have access to the exact position of your crane at all times.

Safe and easy-to-maintain, the APOS Magnetic U20 allows for more efficient crane operation.

VAHLE – Your vision our solution

POSITIONING YOUR CRANES

Cranes have evolved in recent years. They have become safer, more efficient and more intelligent! This need has prompted us to develop our latest technology. The VAHLE positioning system measures the exact position of the crane on the track.

Technical Details:

The system consists of the magnetic operating reading head and support profile with code rail and sliding band. The track-guided reading head and flexible code tape allow the position to be detected at any point on the code tape in three-dimensional systems. The absolute position value is forwarded to the customer PLC via interface.



Reading head

short arm version (standard)



Reading head

long arm version (higher tolerances)

Our Positioning Solution

- Plug and Play
- Easy installation
- Super robust
- Low maintenance
- Suitable for harsh environments
- High accuracy of 1 mm
- Magnetic positioning
- System solution with VAHLE U20 conductor system
- Center tab of cable guide for ideal motion performance
- Long-lasting sliding housings



YOUR VISION – OUR SOLUTION

Ready to get exact positioning for your cranes?
Contact our team to get tailor-made solutions for your needs.