NEW

NEW GENERATION

SENDIX ENCODERS

1A 1B

INFORMATION „AS PRODUCED" ARE GOOD, „AS MAINTAINED" ARE BETTER

The use case information "as produced" are good, "as maintained" are better" shows the new possibilities of the Kübler Sendix K58 products. The new programmable encoder series can be parameterized via a programming device and updated directly in the product's asset administration shell using a QR code. This allows customers to call up the latest information, which also takes care of documenting the set parameters.

USE CASE LEAD

MOTIVATION

Products are getting more and more complex and diverse. Customers are increasingly being offered the opportunity to set parameters themselves and thus optimally adapt the product to their application. The question is always where all the parameterizable data is documented? How can it be ensured that this information is not lost and can be viewed at a later date? What has been changed?

VALUE PROPOSITION

We plan to offer a solution using a digital twin. A QR code on the product's nameplate will give customers access to its asset administration shell via a smart device, providing technical data, contact info, and documentation. Customers can view details „as produced." Our K58I encoder programming device will also generate a QR code to store parameters in the shell, keeping the digital twin „up to date" and displaying data „as maintained." A logbook allows customers to track parameter changes over time.

THE ROLE OF THE OI4

The OI4 Alliance advocates for using digital twins and standards like the Asset Administration Shell (AAS) to enhance data accessibility and traceability. The OI4 Alliance supports solutions that keep product data "as produced" and "as maintained" accessible, fostering up-to-date, parameterized information that strengthens lifecycle management and data transparency.

AAS SUBMODELS USED

DIGITAL NAMEPLATE

PHASE OF ASSET LIFE-CYCLE

COMMISSIONING / OPERATION