LONG-LASTING REDUCTION OF DOWNTIMES AND COSTS

Production losses due to maintenance work, be they planned or not, bring about considerable costs in everyday operation. ''Commercial'' inductive proximity switches were previously used in equipping devices for brass bushes, shown here, which were replaced at regular intervals as part of preventative maintenance. Despite these measures in which completely intact devices were replaced, production was occasionally disrupted due to defective sensors.

Because of the change to IO-link capable inductive sensors from ipf electronic, downtimes were significantly reduced and above all over the long-term. The sensors inform the superior PLC using IO- link as soon as they no longer have a sufficient functional reserve. The maintenance department is therefore in a position to plan an operation in good time before a device fails and therefore achieve a condition-oriented and more cost-effective service strategy.

The change to the new, IO-link capable sensors was not problematic because the design of the device remained unchanged. Also, the present sensor lines could still be used. Only the PLC input module had to be replaced by an IO-link capable module.