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Preset Counter Codix 560 – now also available for MODBUS and CR/LF protocol



With the large Codix 560 Kübler is rounding off a totally new generation of preset counters. Thanks to a wide variety of functions and counting modes all typical areas of application for a preset counter - and even simple control tasks – are now fully covered. The latest option to be available in this product range is the RS 232/485 interface, which in turn means that the counters are now able to support MODBUS (RTU) or the CR/LF protocol.

The Codix 560 preset counters feature a wide range of fundamental benefits, including large, very bright LED displays. This means that the counters are easily legible - even in poor lighting situations or when viewed from a great distance.

As with all Kübler Codix units, great store has been placed on simple user-friendly operation and programming structure. The device thus comes with numerous scrolling help texts, which - thanks to the 14-segment display – are very clearly legible. The intuitive cursor keypad makes programming even easier. The preset counter can be used for pulses, time, frequency and also for position; it can also function as an overall total counter or as a batch counter.

Its important technical benefits include the provision of 2 relays, as well as a display that is scalable by a multiplication or division factor. Preset values can be entered directly via the large front keys or via the Teach-In input.

Mounting the device in locations where space is tight is no problem thanks to the minimal installation depth. The new preset counters are also ideal for installation in mosaic systems.

The Codix 560 supports MODBUS RTU for reading out counter data to a higher-level system - for production data acquisition or for logging measured values. Thus it can monitor and evaluate a wide variety of data, depending on how it is programmed, whether as a pulse counter, frequency or time meter or as a positioning controller. These data may include, for example, production count or speed, machine or turbine speed as well as production, run, operating and throughput times. Moreover a number of counters - with various measuring tasks - may be networked together in a bus, in order to monitor complete operating or process tasks. In addition the most important parameters can be specified or modified via the MODBUS; for example the various lengths and batch quantities when cutting to length. It is therefore possible to carry out decentrally very comprehensive control tasks both quickly and reliably.

The CR/LF protocol concerns a simple printer protocol, where the measured value is sent to a large display or to a printer. It is thus possible to visualise all the data, which have just been counted – starting from production quantity/ speed and production time, through machine run time, test cycles and cutting speed and on to flow rates and production volumes.

In addition the data can be sent directly to a printer. This is a very useful option, especially for label printing with small cut-to-length machines or when logging piece quantities for an order.

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