Remote control and monitoring of a logic module via SMS

- Logo! CMR2020 communications module enables access to Logo! 8 logic module using SMS
- Time-of-day synchronization of Logo! 8 based on information from GPS, NTP server or mobile phone provider
- Positioning data determined by GPS

Thanks to the Logo! CMR2020 communications module from Siemens, users can control the Logo! 8 logic module or receive status data and alarms via text messages to their cell phones. Once a SIM card has been inserted, the communications module can be accessed as a node on the mobile network. Users can configure different commands in the Logo! 8 for remote access and then trigger them by text message via the communications module. In the other direction, Logo! CMR2020 transmits diagnostics data and alarms as message texts to cell phones previously defined as receivers.

Logo! CMR2020 has a GPS antenna connection that helps, for example, to track the current position of container freight worldwide or to monitor truck shipments. Logo! CMR2020 also enables time-of-day synchronization of the connected logic module, based on time information provided by the mobile phone provider or NTP server, or the GPS time signals. Logo! CMR2020 and Logo! 8 can be deployed, for example, in building control systems, such as for blinds, garage doors, lighting or garden watering systems. The Siemens components are also suitable for simple control tasks in industry, such as pump control or level monitoring.

The Logo! CMR2020 can be quickly and easily connected to the basic Logo! module via an Industrial Ethernet interface. As well as programming commands, the user
saves a list of cell phone numbers that are authorized to control and receive process value and diagnostics data, as well as alarms. The message texts for control are password-protected. Using the two inputs and two outputs, Logo! CMR2020 can also be used for simple control tasks as stand alone unit.

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Contact for journalists:
Peter Jefimiec, Tel.: +49 911 895 7975
E-Mail: peter.jefimiec@siemens.com

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