Reliable protection for motors and plant components thanks to monitoring relays with IO-Link interface

Manufacturing.net

Reliable protection for motors and plant components thanks to monitoring relays with IO-Link interface

Nuremberg, Germany, 2011-Sep-06

The Siemens Industry Automation Division has equipped its complete range of monitoring relays with the IO-Link interface. The relays protect motors and plant components reliably by monitoring parameters such as temperature, speed, network quality, current and voltage. The relays communicate with the control level via IO-Link to transfer, for example, measured values and messages. The Sirius 3UG48 monitoring relays for electrical and mechanical measurements monitor the observance of parameterizable limits for speed, network quality, current, power factor (cos phi) or voltage. The Sirius 3RS14 and 3RS15 temperature monitoring relays have between one and three resistance sensors or thermocouples for controlling temperatures from -99 to +1,800 degrees Celsius, and can also be used for simple control tasks . The new monitoring relays can also fulfill their monitoring tasks reliably without an IO-Link connection to a controller.

SOURCE [1]

Links:
[1] http://www.manufacturing.net//News/Feeds/2011/09/mnet-industry-focus-design-and-development-reliable-protection-for-motors-and-plant-component/