

IMX Interface Series with Worldwide Approval

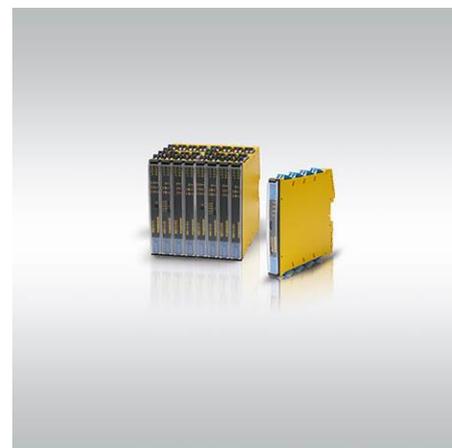
Turck's IMX12 interface series now has North American UL approval

Mülheim, October 2015 – Turck's IMX12 interface series is now suitable for worldwide use thanks to new international approvals. Besides ATEX for Europe, NEPSI for China, Inmetro for Brazil (currently only DI) and IEC-Ex as a worldwide reference standard, the devices for digital input or output signals (DI, DO) now also have North American UL approval. The IMX series is comprehensive and can be used in functional safety circuits up to SIL2. Turck had presented the IMX device series at the Achema 2015 trade fair. The module for analog output signals (AO) is already available in addition to the DI and DO devices. The device for analog inputs (AI) will follow at the end of 2015.

With its slim 12.5 mm housing, the IMX series offers maximum signal density. The speed of the IMX devices is also exceptional. The IMX12-DI Ex-isolating switching amplifier resolves input frequencies of up to 15,000 Hz, which were previously only possible with special frequency transducers. The new electronic design enables the effects of factors such as temperature or voltage fluctuations to be reduced on the IMX12-AI Ex analog signal isolator. The effect of the interface device on the overall performance of a complete measuring circuit is thus considerably less.

The IMX series will be extended at the beginning of 2016 with the IMX12-CCM cabinet guard. The sensor/interface module is used for monitoring control cabinets in the field. The IMX12-CCM continuously monitors ambient variables such as temperature, absolute humidity and the closure of the cabinet, and indicates any limit value violations directly to the control system.

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Turck's IMX interface series has now obtained the most important international approvals

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