

HARTING Current Sensors



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Rapid, accurate current measurement is required for the precise regulation of power semiconductor systems such as frequency converters, USV systems and welding plant. The new current sensors from HARTING have been designed with these specific environments in mind – in close consultation with customers. They offer high levels of measurement accuracy and interference immunity.

The current sensor product family is based on the proven and tested Hall effect and, galvanically isolated, measures the current via the magnetic field of the conductor. This uses two principles of measurement: compensation current sensors are available for demanding measurement tasks. If there is less demand for accuracy, open-loop current sensors can be used.

The new current sensors from HARTING have a robust design, making them ideal in harsh conditions for markets such as rail technology and renewal energy. They are also highly immune to interference where external magnetic fields are concerned. A further benefit for developers is that it is easy to build the sensors into existing applications, as they have totally standard footprint and installation measurements. The appropriate connection technology and pre-assembled signal cables enable cost-effective and secure assembly. Mating connectors and cables are no longer manufactured separately, reducing the overall number of parts required.

To know more applications and to arrange sample of 500 A sensor please contact us.

http://www.harting-usa.com/fileadmin/harting/documents/lg/hartingusa/products/HARTING_Hall_Effect_Current_Sensors_Flyer.pdf

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