



MODbus
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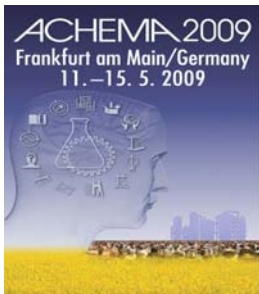
Dear Reader,

Another successful year for our company is over. We have launched more new products than ever, and our development team has been fully occupied designing customized solutions. We expect continued growth but are of course aware of the financial crisis looming in the background.

We look forward to continued cooperation with you and hope you all are able to cope with the recession time ahead of us.

Halvor Landet, CEO

Upcoming events:



Fint will be at both Interkama and Achema at the Fieldbus Foundation stand. If you have a particular application you would like to discuss with our technical experts, give us a call or e-mail us and make an appointment, (+47)22067963 - info@fint.no

New HART software stack

The HART 7.0 for wired application is now available. Ask for an upgrade to a special introductory price. Burst mode is not supported in this early version.

New representative in India:

We welcome The UL Group as our Distributor in India. Please see details on page 2.

Enotec offers FF compliant O2 and CO gas instruments



Enotec, a German supplier of gas analysing instruments, has for several years been a user of Fint's HART technology in order to supply HART compliant solutions for its OXITEC and

COMTEC analysers. Yokogawa, the world leading supplier of process control systems, sees a potential for using these instruments in its systems, but it requires Foundation Fieldbus interfaces. Fint has customised its T611 module for these applications, and Enotec has now launched the new products, with registration stamps from the Foundation and HIST test approval from Yokogawa.

A series of NEW gateways:

HART to PROFibus PA gateway

The new DIN rail module, the T500, for interfacing



HART instruments to a PROFibus PA network. T500 is a complete transmitter module and no special programming is required to set it up. It allows interfacing up to 4 HART instruments.

The T500 will scan the address space for connected HART instruments, and the dynamic variables will be continuously read and updated. A status variable indicates the quality of the measurement. Any HART communication problem will be reported in the PROFibus Diagnostics message.

This is the perfect solution enabling HART devices to operate in a PA environment.

MODbus to FF gateway

The new DIN rail module, the T710, for interfacing MODbus instruments to a FF network. T710 is a complete transmitter module and no special programming is required to set it up. It allows interfacing up to 4 MODbus instruments.



The T710 will scan the address space for connected MODbus instruments, and the dynamic variables will be continuously read and updated. A status variable indicates the quality of the measurement. Any MODbus communication problem will be reported in the FF Diagnostics message. This is the perfect solution enabling MODbus devices to operate in a Foundation environment.

MODbus to PROFibus PA gateway

The new DIN rail module, the T510, for interfacing MODbus instruments to a PROFibus network. T510 is a complete PA transmitter module. An easy to use software package makes it easy to set it up to communicate with the MODbus instrument.



The dynamic variables will be continuously read and updated. The device supports any measurement application and related engineering units are handled.

This is the perfect solution enabling MODbus devices to operate in a PA environment.

New FF & HART flowmeter from Litre Meter:



Litre Meter offers the Viscous Fluid Flowmeter, VFF that is ideal for measurement of very low flow rates and accepts a high turn down. The VFF uses rotary piston technology, and it has only one moving part, which makes it very robust and ideal for hostile

environments. The oil company, Petrobras favours the HART protocol for its offshore platform instrumentation, not just to read the flow rates but also to be able to change measurement units from the control room. FINT's HART technology has enabled Lewa Pumps in Brazil, to provide Petrobras with a fully HART compliant chemical injection package. According to Alan Christie of Litre Meter, Fint's T210 built-in module was an excellent solution for adapting the existing MODbus output to communicate over HART.

Litre Meter has already taken the next step in fieldbus development and is using Fint's Foundation Fieldbus technology to offer FF compliant measurement devices.

Our products and services

Training kits

Explains all you need to get started with HART, FF or PROFibus



Build-in modules

Fieldbus interfaces for sensors and actuators



Fieldbus gateways

Fieldbus communication modules in DIN Rail packaging



Customized solutions

Prototype samples in hardware & software



Deliverables: Complete hardware & software documentation - manufacturing drawings – training – certification consulting – large scale manufacturing of fieldbus components – customer service and support centre



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