



WORLDWIDE *The Interface Solution Experts*

Moore Industries-International, Inc.

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Obtain Digital Photograph: <ftp://editors.miinet.com>, open “Yokogawa Agreement” folder, and download HCS photo.

FOR IMMEDIATE RELEASE

Yokogawa and Moore Industries Expand Global Preferred Vendor Agreement to Include HCS HART® Concentrator System

NORTH HILLS, CALIF. – Yokogawa Electric Corporation (Tokyo, Japan) and Moore Industries-International, Inc. (North Hills, CA) have expanded their Global Preferred Vendor Agreement to include Moore Industries’ HCS HART Concentrator System. The HCS allows users of Yokogawa’s HART-based transmitters and flowmeters to convert each device’s HART digital signal to a standard MODBUS RTU communication protocol.

Adding the HCS expands the Global Preferred Vendor Agreement, which previously covered Moore Industries’ HIM HART Loop Monitor. Under the agreement, Yokogawa will sell application solutions that include its HART-based instruments and Moore Industries’ HART interface modules. Moore Industries will provide sales, marketing and application support to Yokogawa’s worldwide distribution channels.

The HART Concentrator System makes it possible for users to extract data from multiple Yokogawa HART devices. Up to 16 HART devices, such as any combination of Yokogawa’s ROTAMASS 3 Series Coriolis Mass Flowmeter, EJX910A HART Multivariable Transmitter, and digital YEFLO HART Multivariable Vortex Flowmeter, can be connected to a single HCS. This allows users, who may not have HART capability in their control systems, to acquire all digital process and diagnostic data from Yokogawa’s field instruments and send it via MODBUS to a control system.

Installed transparently across each transmitter’s 4-20mA HART loop, the HCS extracts all of a smart transmitter’s HART data by reading the HART digital data that “rides” on the loop wires. For example, when used with Yokogawa’s ROTAMASS 3

Series Coriolis Mass Flowmeter, the HCS will extract mass flow, density, temperature, volume flow, concentration, net flow, and diagnostics and send it via MODBUS for direct input to a MODBUS-based control system.

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