

Pepperl+Fuchs GmbH – Königsberger Allee 87 – 68307 Mannheim - Germany

**Please quote the following contact information when publishing:**

Tel.: +49 621 776-2222, Fax: +49 621 776-27-2222, [www.pepperl-fuchs.com](http://www.pepperl-fuchs.com), [pa-info@de.pepperl-fuchs.com](mailto:pa-info@de.pepperl-fuchs.com)

Editorial contact: Christa Blas (extension: -1420, fax: -1108), [cblas@de.pepperl-fuchs.com](mailto:cblas@de.pepperl-fuchs.com)

## **Pepperl+Fuchs is chosen by Emerson as their Fieldbus interface partner for BP's Angola Greater Plutonio FPSO Vessel**

**Mannheim, Germany (May 2007)** – Pepperl+Fuchs GmbH has won the contract to be the Fieldbus interface supplier, partnering with Emerson Process Management, for the project awarded by BP to automate the floating production, storage, and offloading vessel that will develop the Greater Plutonio Deepwater offshore oil fields of Angola.

Emerson will implement the Pepperl+Fuchs fieldbus installation system FieldConnex<sup>®</sup>, a range of FOUNDATION™ fieldbus interface solutions which includes the FieldBarrier, a unique fieldbus distribution module which combines the three essential physical layer functions of distribution, short circuit limitation, and 'intrinsically safe' explosion protection in one product. For this project, the FieldConnex<sup>®</sup> products were supplied mounted into customized stainless steel enclosures and pre-wired to a specification requested specifically by the client.

Pepperl+Fuchs FieldConnex<sup>®</sup> will interface the field measurement instrumentation to Emerson's DeltaV™ digital automation system which includes the unique AMS™ Suite predictive maintenance software. These key components of the company's PlantWeb<sup>®</sup> digital plant architecture are at the core of the innovative digital approach that will include more than 1,000 smart digital field devices.

The vessel, being built by Hyundai Heavy Industries, will be 310 meters long, weigh 80,000 tons, and be capable of storing 2 million barrels of crude oil, with living quarters for 100 crew members. The topside facilities will produce an average of 200 thousand barrels per day of export-quality oil. All production, gas and water injection wells will be subsea.

## **About Pepperl+Fuchs**

Pepperl+Fuchs delivers electronic instrumentation for the automation market. With over 3,400 employees in more than 30 countries to design, produce and distribute products, we are located where our customers need us. The Process Automation Division is the market leader for intrinsic safety interfaces and hazardous location equipment. Our FieldConnex<sup>®</sup> Fieldbus Installation System provides highest flexibility to modern process automation applications, the BEBCO EPS Purge & Pressurization System offers protection for any kind of instrumentation. This comprehensive range of explosion protection systems is complemented by further leading-edge technologies such as EXTEC Visualization+Operation Systems, Separator Alarm Systems, Level and Corrosion Monitoring devices and, of course, our world-wide support services. Pepperl+Fuchs is the recognized expert in our technologies and we have earned this reputation by supplying the world's largest process industry companies with the broadest line of proven components for a diverse range of applications.

## **About Emerson Process Management**

Emerson Process Management ([www.emersonprocess.com](http://www.emersonprocess.com)), an Emerson business, is a leader in helping businesses automate their production, processing and distribution in the chemical, oil and gas, refining, pulp & paper, power, water and wastewater treatment, food and beverage, life science, and other industries. The company combines superior products and technology with industry-specific engineering, consulting, and project management, and maintenance services to help customers achieve the potential of their operations. Emerson brands include: PlantWeb<sup>®</sup>; Fisher<sup>®</sup>; Rosemount<sup>®</sup>; Micro Motion<sup>®</sup>; Mobrey<sup>®</sup>, Daniel<sup>®</sup>; DeltaV<sup>™</sup>; Ovation<sup>®</sup>, and AMS<sup>™</sup> Suite.

## **About Emerson**

Emerson (NYSE: EMR), based in St. Louis, is a global leader in bringing technology and engineering together to provide innovative solutions to customers through its network power, process management, industrial automation, climate technologies, and appliance and tools businesses. Sales in fiscal 2006 were \$20.1 billion. For more information, visit [www.GoToEmerson.com](http://www.GoToEmerson.com).

FieldConnex is a mark of Pepperl+Fuchs. PlantWeb; Fisher; Rosemount; Micro Motion; Mobrey, Daniel; DeltaV; Ovation, and AMS are marks of Emerson.

Author: John Ryan  
Key Account Manager  
Division Process Automation

Characters: 3.481, without space characters

Picture: No. 93\_1127\_03

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Fig.: FieldConnex® FieldBarriers in stainless steel enclosure