PRODUCT GALLERY

FISCO NODES FOR PA

Up to 31 instruments can be connected to a single PROFIBUS PA segment using Fieldbarrier, which allows non-IS Segment couplers to power instruments in hazardous locations. Fieldbarrier has 4 FISCO IS outputs, and 4 PROFIBUS PA instruments can be connected to each over a bus length of 120 metres.

Pepperl + Fuchs

twesters@de.pepperl-fuchs.com
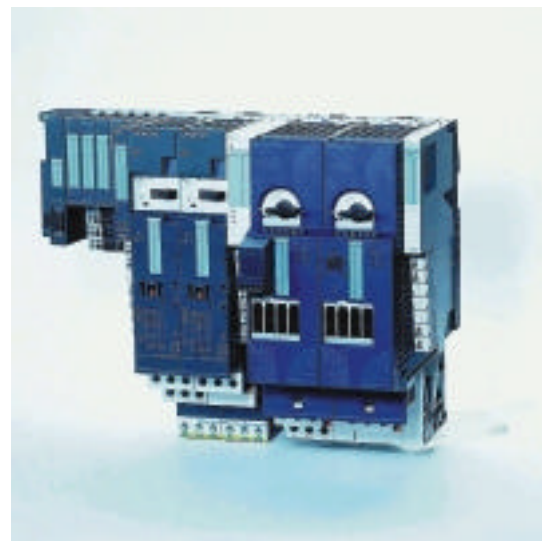
www.pepperl-fuchs.com

REAL TIME SYSTEM

For test stands and production line automatin, ADwin offers fast, real-time operations with a precision of microseconds.

Jaeger Computergesteuerte Messtechnik

hbeimert@adwin.de

www.adwin.de

STARTERS

OEMs and end users whose machines and systems require high availability can save costs with the new ET 200S motor starters, designated High Feature. The many supported features include differentiation between short circuit and overload tripping, remote reset, EMERGENCY-START function; remote parameterization via STEP7 or other tools, and current value transmission over the network.

Siemens A&D + 49 (0) 911 895 4839

CONTROL VALVES

New PROFIBUS Interfaces for Keystone quarter-turn electric actuators provides 4 inputs, 2 outputs and 1 analogue position feedback, giving the same level of intelligence and diagnostics as is available with Tyco's pneumatic actuators. The NEW interface for the Biffi range of electric actuators provides a true intelligent electric actuator for the PROFIBUS network, offering a much wider range of diagnostic algorithms, reducing down time and ensuring maintenance is undertaken in the correct time spans.

Tyco Valves & Controls
dgsmith@tyco-valves.com

BOARD EXTENSIONS

The AnyBus family of embedded communication modules now includes a module for DP-V1 support. It is hardware and software backwards-compatible with

existing PROFIBUS DP versions. One Master Class 1 and up to 4 Master Class 2 connections can be operated. The module processes messages up to 244 byte and operates up to 12 Mbit/s. It is based on PROFIBUS technology.

HMS Industrial Networks
+49 (0) 721 964720

miv@hms-networks.com

ARMOURED CABLE

LAPP Cable South Africa has adapted its range of PROFIBUS cables to suit industrial markets where greater mechanical protection is required. The range includes SWA (steel wire armoured) cables for PROFIBUS DP AND PA, with PVC flame retardant and specialised UV resistant outer sheath versions. There's a full range of compression glands too.

LAPP Cable +11 (0) 885 2572/3/4/4
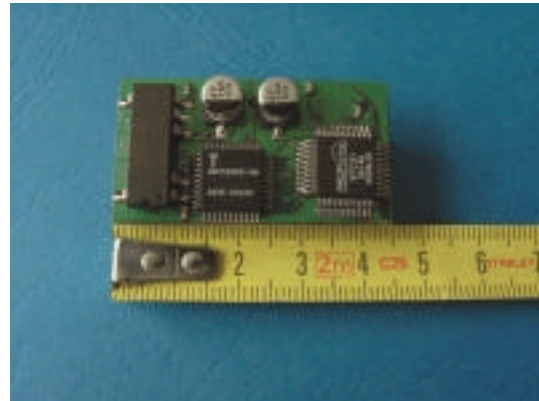**www.lappcable.co.za**

DP-V2 STACK

Softing has become one of the first suppliers of the PROFIBUS DP-V2 protocol stacks offering features such as DXB (Data eXchange Broadcast, or slave to slave communications), deterministic process data exchange and clock synchronization. The new software is

optimized for factory automation applications needing very fast cycle times (< 1ms) and for continuous processes in process automation needing online re-configuration and the highest safety requirements (monitoring, redundancy, etc). The basis for the software is the ASPC2 ASIC.

Softing + 49 (0) 89 456560
www.softing.com

HYDRAULIC CONTROL

The new AH2000 range of hydraulic drive controllers has PROFIBUS connectivity and a position sensor, proportional valve, hydraulic cylinder, pressure sensor, and digital I/Os operating in conjunctino with TwinCAT automation software, to form a complete axis drive system. The devices control velocity and position of the cylinders, and are equally suitable for metal-cutting machine tools or positioning tasks. Their function is similar to that of servoamplifiers. There's a PROFIBUS interface of course.

Beckhoff + 49 (0) 5246 963 164
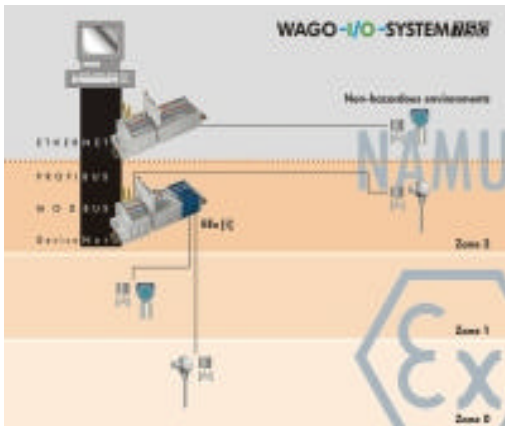**www.beckhoff.com**

LITTLE BIG IC

UNIGATE-IC is a low-cost miniature PROFIBUS 'gateway' that is small enough to be integrated into components such as intelligent sensors. It includes all digital and analogue PROFIBUS functions and enables users to implement PROFIBUS connectivity with minimum effort and fieldbus knowledge. The module has a hybrid structure and uses a standard PROFIBUS chip for full compatibility with the spec. A Protocol Developer tool aids program development.

Deutschmann Automation
+ 49 (0) 64 34-9433-0
info@deutschmann.de

HAZARDOUS I/O

The WAGO I/O SYSTEM 750 can now be used for direct connection of I/O modules inzones 1 and 0. This is the result of an alliance between WAGO and BARTEC. Intrinsically safe modules should be available now for digital inputs for NAMUR sensors, digital outputs for all popular ranging from 0 mA to 20 mA.

WAGO + 49 (0) 571 887 448
martin.witzsch@wago.com

DRIVE CONTROLLER

DriveControl 684 extends Kuhnke's range of positioning controllers up to 1.2 kW. It has a PROFIBUS interface and can emulate functions such as asynchronous operations and 'flying saw'. It has, claims the makers, many new options for networking drive solutions.

Kuhnke + 49 (0) 45 23402-0
sales@kuhnke.de

SERIAL MASTER

The new Serial PROFIBUS Master is a commissioning and service tool for PROFIBUS DP and PROFIBUS PA slaves. It can scan a network for connected slaves, exchange I/O data with a slave in cyclic mode and display the diagnostics. PROFIBUS DP slaves can also be operated in the DP-V1 acyclic mode, which is helpful for commissioning complex field devices like drives, modular I/O and PROFIBUS PA slaves. It can work as a Class 2 Master.

Bihl + Wiedemann + 49 (0) 621 339960
mail@bihl-wiedemann.de

COMMAND/CONTROL

applicomIO is an industrial communications solution for PROFIBUS systems used in command and control applications. It comprises an interface card and a set of software tools for deterministic communication with I/O devices. Functions include automatic detection and configuration of devices, direct I/O access and online diagnostics. It is based on PCI and PC104 standards.

applicom international

+ 33 (0) 23296 2630

marketing@ applicom-int.com

WEB TOOL

SpiderControl, a development of the IniNet product, is an innovative software-tool offering a scalable concept for the integration of Web-enabled graphical interfaces into fieldbus systems, based on a JAVA-SCADA environment.

MESCO Engineering

+ 49 (0) 7621 89031-0

www.mesco.de

FIRST AID KIT

PROFIBUS Center Nederland together with Endress + Hauser have developed a First-aid kit for maintenance specialists. It is intended for the analysis and resolution of common PROFIBUS malfunctions. Maintenance specialistes introduced to the kit have been 'overwhelmed' by the completeness of the kit, apparently.

PROFIBUS Center Netherlands

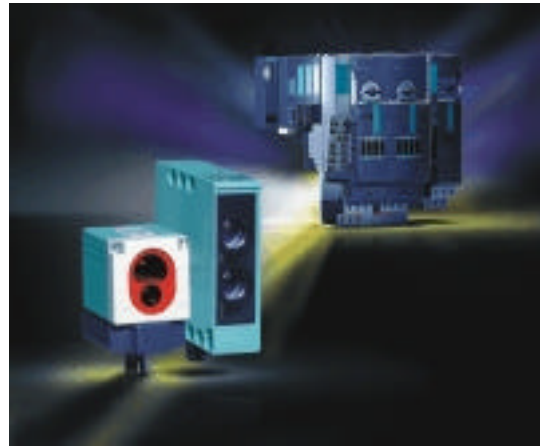mmink@ profibuscenter.nl

ON THE RADAR

Levelflex M is a new guided level radar for both bulk solids and liquids. For liquid applications it can be equipped with a rod probe for level measurement in bypasses and stilling wells and a coaxial probe for storage and buffer tanks. Maximum measuring range is up to 35m. The Micropilot M level radar is available in two new versions: FMR 244 for simple applications and the flush-mounted FMR 245 particularly geared to applications in foods and pharmaceuticals. For the first time, signal progression is shown as an envelop curve on the instrument display thus providing informatin on the reliability of the instrument during application. A graphic operating tool (ToF-Tool) permits simple commissioning, optimizing, diagnosis and measuring point documentation.

sandra.oeschger@pcm.endress.com

SMART EYES

The IQ-Sense module for the Simatic ET 200S distributed I/O system from Siemens, lets you coordinate photoelectric sensor parameters, such as sensitivity, output selection, timer function, and hysteresis, over PROFIBUS DP. The module snaps into an ET 200S station and coordinates parameters from a sensor's 2-wire cable. Setting-up can still be performed manually at a sensor's teach-in button. IQ-Sense features full PROFIBUS DP diagnostics.

Siemens A&D + 49 (0) 911 895 4839