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FIBRO WIRELESS PRESSURE MONITORING 2.1

THE NEW GENERATION OF WIRELESS MONITORING FOR GAS SPRINGS



MEMBER OF THE LÄPPLE GROUP



WPM 2.1 **INDUSTRY 4.0 AT THE HIGHEST LEVEL**

MONITORING OF TOOLS IS A CROSS-INDUSTRY CENTRAL TOPIC IN PRODUCTION. WITH THE NEW, PATENTED **WIRELESS PRESSURE MONITORING 2.1 (WPM 2.1), FIBRO STANDARD PARTS OFFERS A SOLUTION THAT MEETS ALL REQUIREMENTS OF INDUSTRY 4.0.**

Just as the predecessor, the WPM 2.1 offers wireless monitoring of the pressure and temperature of your installed FIBRO gas springs. Sensors in the tool collect the data and forward it wireless, and a specially developed software analyzes it and initiates corresponding measures.

However, the further developed Variant 2.1 offers some features that bring your production a major step forward toward **Industry 4.0:**

The **Cloud-based solution** makes it possible **to monitor multiple tools at the same time** – including across sites and departments. The Bluetooth range thereby no longer represents a limiting component. The data owner is no longer required. The tool data can now also be managed virtually.

Installing the Cloud on your internal company server reliably implements the absolute **security of your sensible data.**

AT A GLANCE THE NEW FEATURES

WPM-CLOUD

2480.00.91.53

With the WPM Cloud, you can manage and control your WPM system equipped tools centrally and cross-site. Installed on your server, the WPM Cloud application offers a variety of options for efficiency and increased quality for your production – with absolute data security. You can use it to create different plants or different divisions, such as press shop, upkeep, warehouse or tool shop. Every plant and/or every division can be assigned to a WPM Gateway or WPM Repeater. You can implement the consolidation of large areas for which the Bluetooth range of an individual device would not be sufficient – regardless of the geographical site or production area. Beyond that, the Cloud solution can serve better performance and offer a larger data memory.

FIELDBUS COUPLER

2480.00.91.44

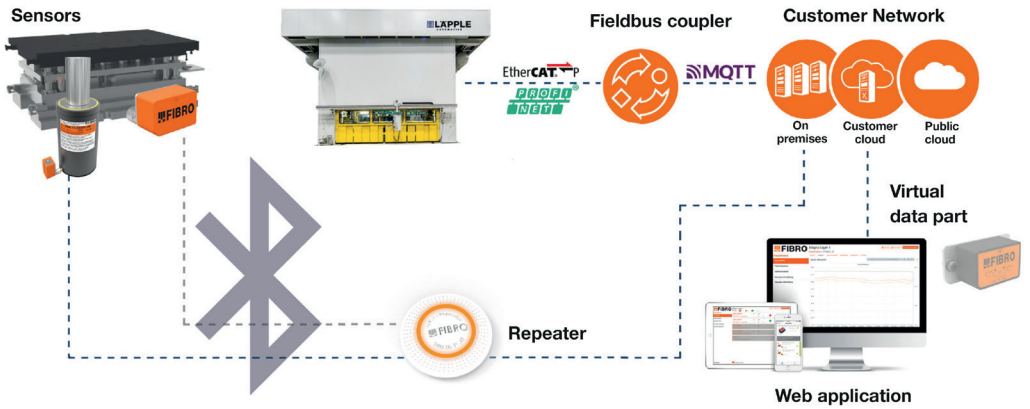
The fieldbus coupler functions as an interface between the WPM Cloud software and the system control of a press or press line. It translates the MQTT protocol from the Cloud to an EtherCat or ProfiNet protocol and thereby enables error-free communication between your systems.

WPM-REPEATER*

2480.00.91.43

The FIBRO WPM Repeater serves the expansion of the WPM system for areas where press control is not required, but where you want to monitor your tools. It is a Bluetooth Low Energy (BLE)-to-Wi-Fi connector that collects the data of the WPM sensors. This data is then sent via MQTT protocol via WiFi or Ethernet to the installed WPM software on a local server or a remote Cloud server. A colored light ring on the upper side serves as status display and visualizes the functional readiness easy for you to recognize.

*The WPM Repeater 2480.00.91.43 can only be operated with the WPM Cloud software 2480.00.91.53!



Most accurate analyses of collected data permit an even more precise process control and optimized preventive upkeep.

The required future reliability of the system is ensured by the option of **modular extension** with additional sensors.

An easy and intuitively understandable user interface simplifies the operation, configuration and maintenance of the system and thereby helps prevent errors.

Additional functionalities, such as the **assignment of specific gas springs** to the simplified illustration of gained values make the system even more user-friendly. Replacement parts can thereby be ordered automated from our online shop.

WPM 2.1 YOUR ADDED VALUES

INCREASED PRODUCTIVITY & QUALITY



Central cross-division and cross-site management and monitoring of your tools for higher efficiency and quality from configuration to predictive maintenance.

IMPROVED FLEXIBILITY

Compatibility with different platforms gives you access regardless of the operating system – no matter where you are.

CUSTOMER- SPECIFIC

Different combinations of the components permit the optimal adaptation to your requirements – you only pay for what you actually need.

DO YOU WANT MORE INFORMATION ABOUT THE WPM?



Then take a look on our website:
You will find comprehensive information and details.



Do you prefer a personal consultation? No problem – you will find
your contact person on our website as well.

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