

@-contact

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MÜLLER
INDUSTRIE - ELEKTRONIK GMBH

BUDERUS
Elektro & Blitzschutz

Editorial

Social media:

Twitter, facebook, YouTube & Co.

“Social media” is one of the trend topics in 2011. The internet world is fast-paced into the direction of network-marketing (social media). In 2010 thirty million of German members went ahead in different internet communities – with tendency to rise. In Germany YouTube, facebook, Wikipedia, Studi-VZ, Twitter, Blogger and Xings belong to the twenty most popular websites. Reclusively in facebook there are about eleven million German members doing their networking. Facebook approves that a normal user will become a designer of the internet. Nowhere else you will hit the public, that is feeling up very quickly in accepting or declining a product or a brand. Due to network marketing users feel a certain solidarity not only in private area but also with a company. Most of the time customers recommendations or opinions are more authentic than the advertising messages from the company. With the right mix of social media tools it is possible to enhance the online presence of the company and the grade of brand awareness.

Many companies – **also Müller Industrie-Elektronik** – follow the trend, because millions of conversation, online exchange of opinions, experiences and impressions take place daily. **Newly we are posting on facebook and YouTube!** More about that topic on page 3 of this issue of our newsletter **@-contact**

Enjoy reading!

Yours Anja Mühe
- mmc AG -



Short notices

Important appointments in 2011

MIE:

Customer-CompetenceDay 2011
at 15th September 2011
at Neustadt am Rübenberge

AutumnEvent 2011

Clay pigeon shooting:
MIE at 16th September 2011
Buderus at 23rd September 2011

MIE: Training-Workshop 2011

with cooperation partners
from 5th to 6th of October 2011

Preview of fairs

AGRI TECHNIKA in Hannover

Exhibitor:
Müller Industrie-Elektronik
from 13th to 19th of November 2011



IHK-Forum Innovation management

Participant: Müller Industrie-Elektronik
at 11th November 2011 at Schwerin-
gen

International preview of fairs

An overview of international fairs of the country representatives you will find [here](#).

New: DIN Rail devices as electronic modules for analogue and digital signal conditioning in process industry

High qualitative electronic devices ideally suited to rough industrial environments are not only requested in process industry and automation to convert, protect, amplify and to make analogue and digital signals communicable, but also for data preparation of measured values and for galvanic isolation in automation.

New product line of DIN rail devices

Müller Industrie-Elektronik offers a wide range of compact electronic modules in the form of space saving DIN rail modules for electrical cabinet mounting in order to cover all solutions for transmission, conversion, controlling and communication of signals and data, not only for lots of industrial application, but also for explosive risk zones. Additional there are solutions for overload protection, amplification, saving of digital signals and for electrical isolation in automation.



The new product line of DIN rail devices is divided into three functional groups:

In the group of „Intrinsically safe signal converter for C&I signals at the Ex zone“

Eight different variants with 22,5 mm overall width and high-grade 3-way



isolation can process all standard input signals such as 2-wire, HART, NAMUR, RTD, thermocouple or DC from the Ex zone 0 as well as digital or analogue signals from Ex-zone for field devices to the controller. The integrated relay output issues an alert in the event of a malfunction and provides a quick fault analysis at the process. The ATEX approval of the modules enable multipurpose areas of application. As an option these modules are available as 1- or 2-channel versions.

The second group compose the „Signal converter/isolator for analogue signals housed in compact mounting form“.

The product line includes universal converter, 1 or 2 channel passive isolators, universal DC converter and signal multiplier. The devices act as galvanic isolator and converter for 0...20mA, 4...20mA and 0...10V industrial signals and enhance process reliability. The precise measurements and the wide temperature range enable many different industrial applications. The compact mounting form in 6 mm width saves space in the electrical cabinet.

With the third group „Universal converter for digital signal conditioning with HART communication“

Müller Industrie-Elektronik offers diverse universal converter for digital signal conditioning with 4...20mA HART output and wide alternatives of configuration. The modules can process input signals such as strain gauge, DC

current/voltage, resistance thermometer, thermocouple and potentiometer. For data analysis a 4 digit display can be integrated in some modules. More options are 1, 2 or 4 channel versions, radio technology and mounting forms in 6 mm, 12,5 mm, 22,5 and 45,5 mm width for mounting in electrical cabinet.

With the new product line of DIN rail devices, Müller Industrie-Elektronik enhances the product range of electronic solutions for measuring and control technology with modules for electronic control of overriding importance.

Download of product overview:



Please click on title!

To play it safe with the E-CHECK: Buderus is certified specialist



The E-CHECK is the recognized quality standard for electrical installations and equipment - in private as well as in commercial and public buildings.

The E-CHECK documents the proper condition and makes the recognition of dangers possible, before a damage is generated.

Professional work and unrestricted competence are the conditions that the high safety and quality requirements of the E-CHECK can be kept. Finally it concerns to prevent expensive electrical damages and protect life.

The E-CHECK may be accomplished only by specially for this trained guild specialized companies like the Buderus Services GmbH.



More information about the E-CHECK services of Buderus Services GmbH you will find [here!](#)



What is tested by the E-CHECK?



- Electrical installations
- Protective equipment such as earth leakage circuit breaker, personal protection
- Machines or protective devices in distribution, etc.
- Fixed electrical appliances such as stoves or electric-powered machines, copiers, shredders, etc.
- Equipment such as computers, printers, monitors, coffee makers, TV, stereo and video
- Control and safety systems
- Conference and presentation equipment
- Work lights
- Lightning protection devices
- Surge

Only who acquired additional qualifications on the basis of practice seminars, is allowed to offer E-CHECK and call itself E-CHECK specialist.

The E-CHECK examination is basis for a whole row of improvements at home and in the company, which can be realized by the intelligent insert of new electrical systems and devices. It concerns to save energy and to increase security and the comfort at the same time.

Already for three years the urban administration of Neustadt am Rübenberge trusts on the expertise of the electrical specialized company and let conduct all electricity installations as well as maintenance of the facilities in public buildings, for example schools, kinder gardens, sport resounding and fire-brigade equipment houses by the Buderus Services GmbH.

An overview of the complete range of services from Buderus can be found [here](#).



Managing director Matthias Müller with Olaf Kowalke, technical management and Daniel Hupe, commercial management (from left to right).

News & Views



Müller Industrie-Elektronik postet on facebook und YouTube

News from our company, short messages, news and views and photos of our customer events can be found on facebook under Müller Industrie-Elektronik recently. Check it out and become a fan of ours. We look forward to your visit!

Additional you will find more and more manuals for our devices on the YouTube video portal in the future.



ME-Series: Modular Economic Sensors with HART-communication

Müller Industrie-Elektronik offers the sensors of the series „Modular Economic Sensors“ in a wide range of different physical parameters, including temperature, pressure level and flow.

Serial HART-interface

All versions are equipped with 4 to 20 mA 2-wire, HART-interface, two limit value switches and an operation by innovative touchM-key technology. The sensors, produced with the focus on modern design, have a head with display unit made of translucent polycarbonate and integrated 4-digit 7-segment current loop display. During the development of this new series the attention was turned to operator convenience: The display head can be rotated



through 300° and the display is also reversible by 180° for overhead mounting. The housing is also 300° adjustable.

The process connections are made of stainless steel. The electrical connections are available in several different plastic plug versions.

For the specific hygienic requirements of the food and pharmaceutical industry there are pressure sensors with flange process connection available.



All connector options of the ME-Serie



New: pressure sensor for melt pressure measurement

New in this product family is the pressure sensor MEPS-M for melt pressure, designed especially for plastic-, rubber- and food industries. During development there was special attention to the fact that these devices are electrically and mechanically compatible to the installations used in this industry.

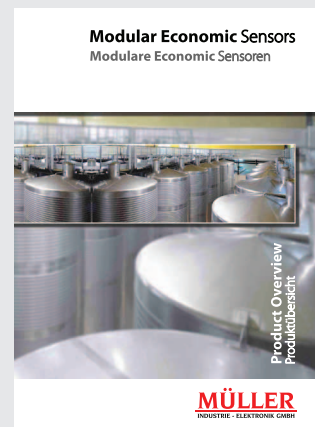


New: OEM-Transmitter – the Economic Solution!

Particularly developed for the ME sensor series, Müller Industrie-Elektronik offers the HART-enable transmitter as OEM version for companies, who are searching for a cost-conscious, electronic solution.

For customized serial production individual mechanical adaptation of sensor connection is possible as well as design and printing in customers Corporate Design.

Also all process connections are generally made of stainless steel. The electrical connections are available in several different plastic plug versions.



Download of product overview: Please click on title!

**Müller Industrie-Elektronik
with expansion on the road
to success**



New faces shortly presented:

Anatoli Stupak
starting
15.07.11
CNC-cutting
machine
operator,
mechanics



Fortunately we are starting to feel the effects of the economic upswing in Germany at Müller Industrie-Elektronik in this year.

“We mentioned a considerable increase of 30 % at our incoming orders, with tendency to rise. The aim is to continue satisfying our customers with reliability and adherence to delivery dates. Therefore we have optimised the production process again and in the first quarter of 2011 we invested in a new CNC-production line and in new employees. That way we'll be independent from suppliers in the future and we'll produce the necessary components “just in time” on our own”, says business manager Matthias Müller.

“Furthermore we just successfully passed the ISO test of the company again.



Thomas Lindner
since 01.06.11
Software
Engineer
for micro-
controller,
development



Andreas Müller
since
01.06.11
CNC-cutting
machine
operator,
mechanics



**German Federal
Ministry of Economy
and Technology**

**Conference:
„Knowledge to turn
strategically to account“**

The economic growth in Germany significantly depends on technological progress and the use of innovation resources. Therefore the motto of the conference in Berlin was: “Innovation saving and turning to account – don't give economic potential away”.



During three parallel workshops with the following topics: “Strategies for prosperous account – networking of protagonists”; “patent and foundation” and “patent and standardization” the participants discussed in detail. As business manager of a medium-sized company with high innovation power and already existing patents, Matthias Müller was as “businessman out of practice” an eligible guest for the podium discussions.

**Administration committee of Federal Employment
Agency met at Müller Industrie-Elektronik**

The mood in commerce is positive for such a long time – the unemployment rate is decreasing and activity level is increasing.

Where are the new jobs generated? In which branch of businesses? Which skilled employee will be needed in the future and which possibilities does the



employment agency offer? The Administration committee of Federal Employment Agency, Nienburg met at Müller Industrie-Elektronik to concentrate on all these questions.

By way of example Müller Industrie-Elektronik represents strong expansion in the region of Neustadt. Therefore the members of the administration committee used the opportunity to visit the company.

For personnel recruitment, Matthias Müller is using the professional services of the employment agency: “The preselection of the job applicants is already done and we get accurately fitting clients.



“We are very satisfied with this good cooperation” says Matthias Müller.

“The company history is very impressive and pleasing for the region of Neustadt. It is an impressive example, whereabouts spiritedness of an entrepreneur, richness of ideas and Know-how can lead to, pointed out Harald Büge, business manager of the Federal Employment Agency, Nienburg.



A cooperative interaction at the SHOWTECH in Berlin from 6th to 7th of June 2011

For three days from 6th to 7th of June 2011 SHOWTECH became the international stage for the stages of the world. It is the leading international meeting place for the industries it serves, such as stage technology, lightning, projection technology and stage equipment.



As one of the leading companies within stage technology TTS, Theatertechnische Systeme GmbH produces and installs latest technology for theatres, multi-purpose halls and TV studios.

The control desks and views form one of the product segments, that are more and more sophisticated in electronics, technique and ease of handling.

The system can be operated by one or several stationary, mobile or wireless control desks. The operator normally uses a touch screen for data input. On the displays it is possible to switch between input and visualisation views of the system.

New product: Mobile central control desk

TTS presented this innovation on SHOWTECH the first time. The new control desk is mobile, adjustable in height and has a very ergonomically de-



signed control cabinet with touch screen monitor for the controlling of stage technique.

With cooperative interaction between TTS and Müller Industrie-Elektronik this new mobile control desk was developed in common based on an existing control system. In the process Müller Industrie-Elektronik take over the construction and the assembly, TTS developed the PC-technique and the controlling software.

Since many years the Buderus Services GmbH as the third of the trio is doing the electrical installation on the theatre stages of the world for company TTS.

Therefore it is a very efficient cooperative interaction of three professional partners working together for a long time.



Imprint

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We thank you for your confidence in our products and are looking forward to a successful partnership!