

Motor Technology News – August 2014

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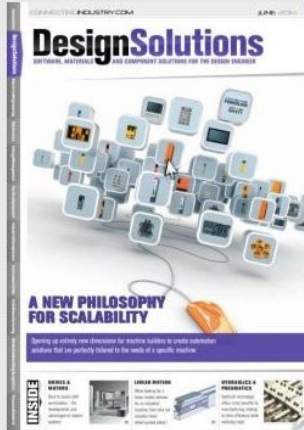
As seen in Design Solutions magazine – our Quick Guide to Servomotors

We're very pleased to have been asked to produce a quick guide to servomotors for the June 2014 issue of Design Solutions magazine. The article goes back to basics and looks at some of the latest developments and advantages of modern systems. You can see the article in **Design Solutions** magazine or read it here where we have reproduced it with the kind permission of the editor. We hope you find it interesting and useful.

The term servomotor derives from the Latin, servus, meaning slave, or to serve, and is meant to indicate the use of a motor whose main function is to respond to commands or to perform specific tasks. The origin, or first use, is generally believed to have come from the French, Le Servomoteur, coined by J.J.L. Farcot in 1868 with his reference to hydraulic motors and steam engines used in the steering mechanisms of ships.

Today, modern servo systems are used to perform many motion control tasks, from the relatively simple to the highly complex and dynamic requirements of demanding applications. The main benefit of a servo system is the ability to precisely control speed, torque and position through closed-loop control. Fundamentally it consists of a motor, a feedback device connected to the shaft of the motor, such as an encoder or a resolver, and the electronic control.

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Free dictionary for readers of MTN

We've still got a few copies left of what we think is an excellent dictionary of electrical drive technology and we're offering them free of charge to readers of Motor Technology News.

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End of Support for LTI's MC 6000 and 7000 drives

LTI have announced that support for the obsolete MC 6000 and MC 7000 series drives will cease at the end of 2014.

Any customers still operating these drives should contact us for options...

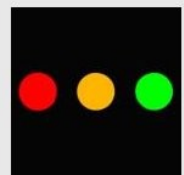
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Time to ditch 'urban myth' about British Manufacturing says EEF

Consumers are being urged to ditch urban myths and misconceptions about British manufacturing after research showed that three quarters (74%) mistakenly believe that the UK used to manufacture more goods 30 years ago (in the 80s) than it does today. The findings, released by EEF, the manufacturers' organisation, reveal that while consumers are supportive of British manufacturing, they are largely in the dark about the true state of the sector today.

Manufacturing is driving the economic recovery, employing 2.6 million people and accounting for 11% of GDP. The sector is on track for 3.6% growth this year. But despite this, little over a third of consumers (36%) believe that the UK's manufacturing industry is growing.

[Read more here](#)



Puzzle Corner: Which Switch?

A team of electricians was refurbishing an old underground train station and at the end of the day all of them had gone home apart from Fred, who was just finishing in the control room. On the wall above the desk were three switches, marked A, B and C, that operated three incandescent light bulbs on the Northbound platform three levels below.

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Summary of changes to the list of Machinery Directive Harmonised Standards

MachineBuilding.net has produced a summary of the changes and additions to the list of Machinery Directive Harmonised Standards published in the Official Journal of the European Union (OJ) on 11 July 2014.

According to MachineBuilding.net, this time there have been no alterations to the A-Type or B-Type machinery safety standards, just C-Type standards relating to specific classes of machinery.

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