

The logo for Electro Mechanical Systems Ltd, consisting of the letters 'EMS' in a bold, blue, sans-serif font.

Electro Mechanical Systems Ltd

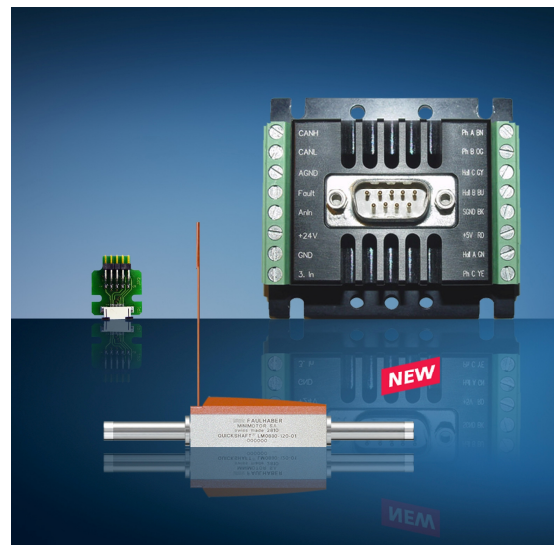
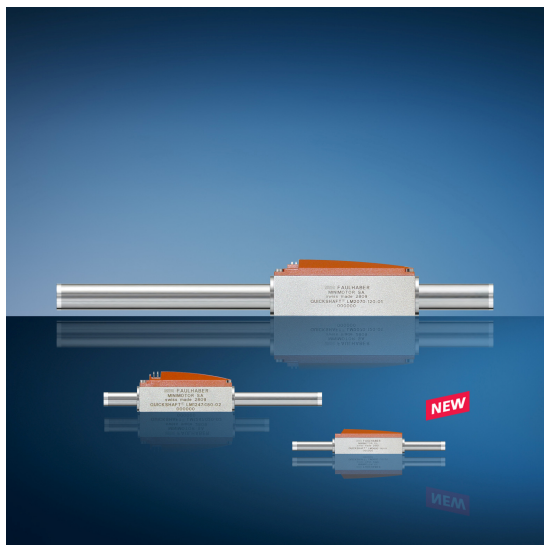


## A little addition with BIG performance...

### New linear DC servomotor, series LM 0830

FAULHABER extends its portfolio of linear DC servomotors with the addition of a new, smaller, high performance linear DC servomotor based on its innovative QUICKSHAFT® technology. The LM 0830 series linear DC servomotor, measuring just 8x12x30 mm and weighing only 17 grams, provides a peak force of up to 2.74 N and max speed of 2.4m/s. The forcer rod, with a diameter of 4 mm, is available in different lengths giving strokes up to 40 mm. The new linear DC servomotor includes 3 analogue hall sensors for position and speed control feedback eliminating the need for an additional encoder in most applications. The 3 output signal's, are 120° phase shifted, and are used by an external motion controller for commutation, speed and position control. The FAULHABER MCLM series motion controllers are available with RS232 and with CAN interfaces. The easy to use "Motion Manager" software makes parameter adjustment and motion control simple and fast. This micro sized powerhouse is suitable for application in all fields where high precision linear movement in the most compact dimensions is necessary. The motors are highly efficient and maintenance free and with their simple frictionless design the motors provide extremely long operational lifetimes. The Faulhaber range is distributed exclusively in the UK by Electro Mechanical Systems

Faulhaber products are distributed exclusively in the UK by miniature drives specialist Electro Mechanical Systems Ltd and for more information go to [www.ems-limited.co.uk](http://www.ems-limited.co.uk) or call 0118 9817391.



Wednesday, 09 February 2011