

Press Release

Department: Sensors / Automation / Handling

Accurate, Compact My-Com Mechanical Limit Switches for Highly Precise Positioning Applications

Position Detection With 1 Micron Repeat Accuracy

Southington, Conn. -- April 27, 2010.... For critical industrial positioning applications, Baumer My-Com Mechanical Limit Switches deliver precise, repeatable, consistent results over millions of switching operations. Offering 1 micron repeat accuracy, these precision contact switches are designed for setting reference points, checking tolerances, monitoring, gauging and calibrating tasks.



3885-3-DCH.ipa

Built to withstand rugged operating environments, My-Com limit switches are designed with just three moving parts. Robust probe tips are made of high performance ceramic, stainless steel, ground ruby, or ground sapphire, delivering reliable operation in harsh conditions. For applications in moist or dusty environments, My-Com switches are available in IP67-rated housings. These switches withstand operating temperatures from -20 to 75°C.

Baumer My-Com Mechanical Limit Switches are available with activating forces ranging from 30 to 250 grams. The compact housing design (M8 x 0.5) is smaller than a paper clip, allowing this switch to be used in small-space applications including tool machines, automated laboratory equipment, robots, packaging equipment, assembly/handling machines and medical devices. Guaranteed to 10 million cycles, these switches are designed for high actuation performance in X-Y end-of-travel and homing applications.

Number of characters (with spaces): approx. 1345
This article and the illustration are approved for publication

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