

Ameridrives

Bauer Gear Motor

Bibby Turboflex

Boston Gear

Delroyd Worm Gear

Formsprag Clutch

Guardian Couplings

Huco

Industrial Clutch

Inertia Dynamics

Kilian

Lamiflex Couplings

Marland Clutch

Matrix

Nuttall Gear

Stieber Clutch

Stromag

Svendborg Brakes

TB Wood's

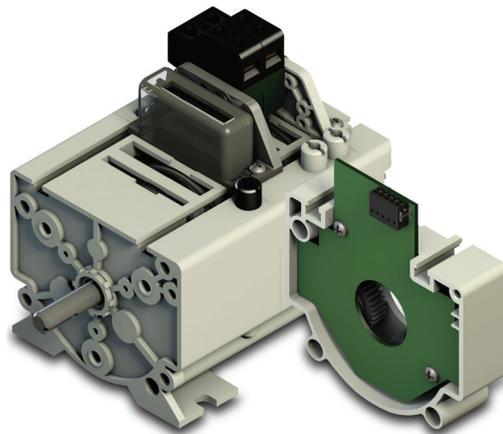
Twiflex

Warner Electric

Warner Linear

Wichita Clutch

# Stromag Geared Cam Limit Switches Offer Specialization and Intelligence



# Stromag Geared Cam Limit Switches Offer Specialization and Intelligence

Since the start of the business in 1932, Geared Cam Limit Switches have been a key product for Stromag, a leading manufacturer of innovative, high-performance transmission components. With a proven track record, Stromag has adapted its product portfolio to suit the needs of industries and specific applications, offering end users more than a device that simply stops.

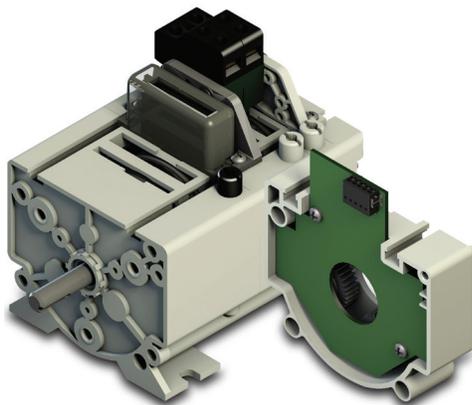
As a part of the Altra Industrial Motion Corporation, Stromag offers a comprehensive range of geared cam limit switches in main current and control current variants. The control current geared cam limit switches offered include planetary geared, worm geared, spur geared and lever type, while the main current range incorporates spindle geared, lever type and counterweight options.

A range of different housings are available, incorporating aluminum casings rated to IP65, seawater-resistant variants and further specialized housings rated up to IP66. Shaft movement is aided by a strong connection between all internal components, offering increased performance. Applications supported include cranes, stage technology, wind turbines, bucket conveyors, gantry systems, trolleys and other heavy-duty applications.

Servicing such a large array of applications requires adaptability, which Stromag achieves by utilizing customer requirements as an influence across the entire limit switch portfolio. While other manufacturers may offer standard solutions, Stromag actively engages with engineers to offer specific solutions for individual systems. Cost, design and integration are key topics of discussion – balanced with application requirements.

Using this thorough approach, the precision and positioning of the device is greatly enhanced, offering increased adjustability and suitability. Seamless integration also ensures improved reliability across the overall system. Defining an optimal solution is especially important considering geared cam limit switches are inherently a safety component.

Customer influence also impacts the introduction of new products to the Stromag geared cam limit switches range, actively supporting the demands of operators. With the emphasis on increasing the transmission of information in current engineering methodology, Stromag is reacting to this requirement by increasing the intelligence of its limit switch range.



The Stromag Smart Cam® is an electronic Geared Cam Limit Switch that features an in-house developed encoder system integrated directly into the device.

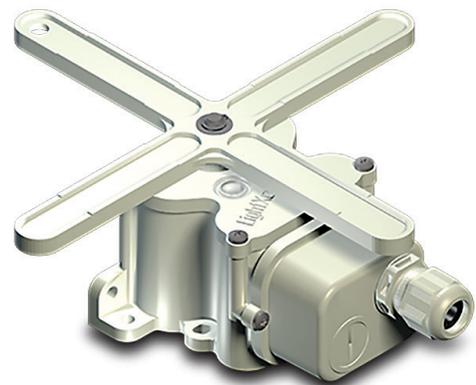
Operators now want access to status information, delivered by sensors and encoders inherently present in the geared cam limit switches, which can inform on the suitable operating parameters of a system. This is especially useful in analyzing performance and possibly notifying of a critical situation regarding a system. This sort of innovation has clear benefits for applications working under load, such as winching.

An example of a “next generation” geared cam limit switch is the Stromag Smart Cam®, an electronic geared cam limit switch that features an in-house developed encoder system integrated directly into the device. While a number of Stromag geared cam limit switches offer support for encoders, the trend of supplying more information to end users has solidified a requirement for a fully integrated device.

Additionally, Stromag is introducing a new variant of its LightXcross LX® crossbar geared cam limit switch, which offers full monitoring capabilities of cross and long travel in crane applications. Such a device was requested by Stromag’s customer base, which required increased intelligence from assets during operation. Working to the needs of the market, Stromag has been able to deliver optimized devices to service these specific demands.

Furthermore, as an accomplished manufacturer of power transmission components, Stromag is able to recommend ancillary components such as brakes and couplings to complement end user systems. A fully integrated system, as any operator knows, offers increased reliability. This approach also simplifies specification, providing a single point of contact for operators regarding their system performance.

By engaging in technical dialog with end users, Stromag can adapt its comprehensive portfolio of geared cam limit switches to exact application requirements. The results are increased precision, reliability, adjustability and performance. This is supported by a selection of accessories such as encoders and sensors, which provide the increased intelligence end users of critical systems require for seamless operations.



**Stromag is also introducing a new variant of its LightXcross LX® crossbar Geared Cam Limit Switch, which offers full monitoring capabilities of cross and long travel in crane applications.**

## About Altra Industrial Motion

Altra is a leading global designer and manufacturer of quality power transmission and motion control products utilized on a wide variety of industrial drivetrain applications. Altra clutches and brakes, couplings, gearing and PT component product lines are marketed under the industries' most well known manufacturing brands. Each brand is committed to the guiding principles of operational excellence, continuous improvement and customer satisfaction. Highly engineered Altra solutions are sold in over 70 countries and utilized in a variety of major industrial markets, including food processing, material handling, packaging machinery, mining, energy, automotive, primary metals, turf and garden and many others.

Altra's leading brands include Ameridrives, Bauer Gear Motor, Bibby Turboflex, Boston Gear, Delroyd Worm Gear, Formsprag Clutch, Guardian Couplings, Huco, Industrial Clutch, Inertia Dynamics, Kilian, Lamiflex Couplings, Marland Clutch, Matrix, Nuttall Gear, Stieber Clutch, Stromag, Svendborg Brakes, TB Wood's, Twiflex, Warner Electric, Warner Linear and Wichita Clutch.



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