

# Sensing Device Business Unit

## Introduction of Sensing Device Business Unit

As we approach the beginning of 21st Century, we are preparing for our next stage of development and growth. At Sensing Device Business Unit (MCBU) of MinebeaMitsumi Inc., it is our goal to develop the finest products in performance and reliability. We aim to meet and exceed the existing requirements of the measuring components markets throughout the world.

For over 60 years, the Sensing Device Business Unit has been fulfilling the needs of its customers in numerous industries by supplying transducers based on most up-to-date strain gage technology, as well as specialized measurement instrumentation.

Our products are manufactured at vertically integrated facilities in Japan, Thailand and China. This permits us to meet the demanding standards that have long been pursued by Minebea to maintain the highest quality levels. We are able to structure our pricing according to our high volume manufacturing, and can therefore furnish the most competitive prices by passing our lower costs on to our customers worldwide.

Inconjunction with its application engineering and software procedures, MCBU shall continue to research and develop its products to meet the stringent requirements in the field. In this way, MCBU will assure the highest degree of measurement accuracy and provide solutions to fulfill the needs of its customers.

Based upon its high level of product quality and technical expertise, the MCBU is well positioned to provide measurement solutions well into the 21st Century.



## Development of Sensing Device Business Unit

1941	Shinkoh Tsushin Seisaku-sho was established as a partnership company at 1103, Zushi, Zushi-shi, Kanagawa-ken, Japan.
1950	The company was incorporated into Shinkoh Communication Industry Co., Ltd. as a joint stock company. Start production of strain gage.
1975	A technical and marketing partnership was concluded with BLH Electronics, Inc., one of the manufacturers of strain measurement and applied equipment in U.S.A.

1976	Start production at Kalan factory in Singapore.
1977	Move the main production facility and head quarter from Zushi-shi, Kanagawa-ken to Oaza Miyota 4106-73, Miyota-cho, Kitasaku-gun, Nagano-ken.
1981	The company absorbs four of its manufacturing affiliates - Shinkoh Communication Industry Co., Ltd. and others, - and Changes its name to Minebea Co., Ltd. Shinkoh Communication Div.
1985	Start production at Ayutthaya factory in Thailand.
1988	Change the Division name to Measuring Components Division.
1991	Technical partnership was concluded with SENSOTRON Inc., a subsidiary of Powerec International Inc., a powerful USA maker of a pressure transmitter.
1996	ISO9001 qualification was approved. (Karuizawa factory / Fujisawa factory in Japan)
1997	ISO9002 qualification was approved (Singapore / Thailand) ISO14001 qualification was approved. (All MinebeaMitsumi factory)
2000	Established the production of K/J gage.
2000	Mass-production of sensors for key board and health meter, etc., have been mainly developed to become a total measuring instrument manufacturer.
2001	Operation at Singapore was closed, and the Shanghai factory in China was started.
2002	Started mass production of sensors for automobile applications.
2003	Operation at the Lop Buri factory in Thailand was started to increase sensor production for automobile applications.
2005	Started the sales of 6-axis force sensor.
2006	Started production of Pointing Stick A'ssy (PSA).
2007	Started production of sensors for game cosoles.
2008	Move the Technical Dept. from Karuizawa factory to Fujisawa factory, and integrate the Engineering Dept. to Fujisawa factory.
2012	ISO9001 qualification was approved (Shanghai)
2015	Acquired all the shares of Sartorius Mechatronics T&H GmbH in Germany and its subsidiaries. Canbodia factory was started.
2016	The name of [Measuring Components Business Unit] was changed to [Sensing Device Business Unit]