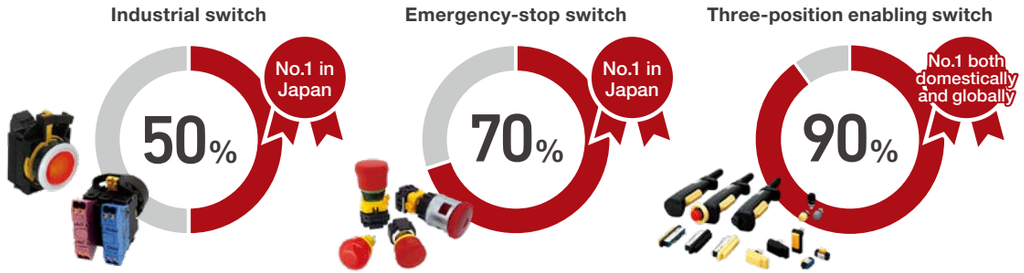
Strengths

01 A diverse line-up of control device products

IDEC offers more than 100,000 types of HMI products for a variety of industries and customer needs.

As these products protect human life, they need to be compatible with international standard and standards in various countries and meet high-level quality and safety requirements. Our expertise, accumulated over many years, and our reputation for reliability have enabled our products to achieve a high market share.



FY2024 (according to in-house research)

02 Product development based on “safety DNA” P.9

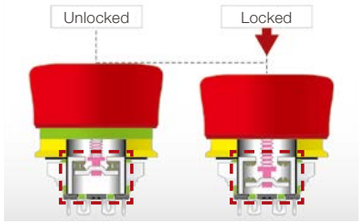
IDEC incorporated a dual interlock mechanism in switch boxes developed in 1950, soon after the company was founded. This mechanism was designed to make it so that power can only be switched on when lids and covers are closed, ensuring that lids and covers cannot be opened when power is on, and protecting operators against the risk of electric shock. The resulting switch boxes have become enduring best-sellers.

This commitment to safety is now part of our DNA and has served as the basis for product development since the founding, enabling us to provide high-quality products.

Emergency-stop switches are used to shut off machinery in an emergency, ensuring the safety of operators. As a major market player, IDEC offers a line-up of products that not only comply with international safety standards but are also equipped with IDEC’s original “reverse energy structure” ensuring the highest level of safety.

IDEC’s emergency-stop switches use a unique structure so that they always default to the off position (a safe condition) even when damaged, preventing serious industrial accidents and keeping people safe.

SB metallic switch box (Safety box)



Reverse energy structure

Switches always default to the off position (a safe condition) even when the button part is damaged

03 Promotion of international standardization P.28

Left: Makoto Nagamine, Parliamentary Vice Minister of Economy, Trade and Industry (at that time)
Right: Toshihiro Fujita, Chief Safety, Hearth and Well-being Officer, IDEC CORPORATION

Industrial Standardization Project Award Ceremony

Cumulative number of three-position enabling switch units shipped

Approx. **7.1** million units

Results up to FY2024

IDEC not only manufactures products that are compliant with international standards but has also played an active part in shaping the rules, including actively participating in technical committees of the International Electrotechnical Commission (IEC) and the International Organization for Standardization (ISO) since the 1990s, and proposing and promoting the development of international safety standards for the development of new technology as part of the global community. The three-position enabling switch, for which IDEC led the creation of the international standard, has been adopted by major robot manufacturers worldwide and holds more than 90% of the global market share. With growing robot demand, the number of units shipped has substantially increased in recent years.

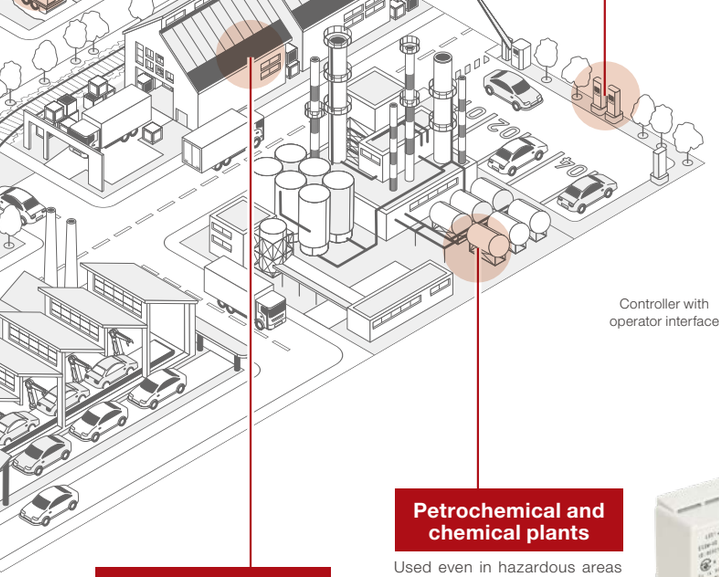
In 2022, Dr. Toshihiro Fujita, Chief Safety, Health and Well-being Officer, received the Prime Minister’s Award of Industrial Standardization Project Award in recognition of his achievements in international standardization activities for over 20 years.

04 Global business expansion through M&A and partnerships P.4

To expand our business globally, we are actively pursuing mergers and acquisitions (M&A) opportunities and partnership agreements with companies both in Japan and abroad that can be expected to provide synergy with our business activities. The addition of a French industrial switch manufacturer APEM to the IDEC Group in 2017 has been a major factor in increased business growth in recent years.

05 Products and services that contribute to society

The IDEC Group's technology and products are contributing to resolve various societal issues in factories and other manufacturing sites as well as in daily life scenes, thereby helping to secure the future of manufacturing and living.



Office buildings

Used to control building management, monitoring systems, elevators, and so on, contributing to the convenience and increased safety of office buildings.


Control box


Operator interface


Switching power supply


Timer

Special vehicles

Installed in the operating sections of vehicles such as construction machinery and agricultural machinery, thereby supporting operator safety and ANSHIN.


Miniature switch


Locker switch


Joystick

Parking lot

Used to provide a main system solution for detecting and managing vehicles entering and leaving a parking lot.

Multi-use mmWave radar sensor


Smart RFID reader


Controller with operator interface

Public transport

Used to stop trains in the event of an emergency and prevent people from becoming trapped by the railway platform safety barriers, thereby helping to ensure passenger safety and support the daily operations of public transport systems.


Edge switch


LED illumination unit


Emergency-stop switch

Various machine devices in factory facilities and manufacturing lines

Installed on machine tools, semiconductor manufacturing equipment, and various other devices and used as operation and control units on manufacturing lines, thereby helping to improve productivity, efficiency, and safety.


Industrial switch


Safety commander


Interlock switch


AMR
(Autonomous Mobile Robots)


Sensing equipment

Logistics warehouse

Used to enable automated transport and sorting of cargo at worksites that need to handle an increased logistics volume, thereby helping to promote the automation of operations.

Petrochemical and chemical plants

Used even in hazardous areas where flammable substances are produced, preventing serious industrial accidents.


Explosion protection wireless vibration sensor


Explosion protection operator interface