Panasonic Industry Europe GmbH

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**New Seal Type Sliding Switches from Panasonic Industry enhance reliability and efficiency**

*Double the functionality, half the footprint with three types to choose from: Failure Detection Type, Two-Step Detection Type, Redundancy Type*

Munich, 27th June 2025

Panasonic Industry has recently introduced the ASQD1 series of Seal Type Sliding Switches, a new state-of-the-art line of micro switches designed for enhanced reliability and efficiency across various applications. The durable ASQD1 series components benefit from dual internal circuits, allowing for failure detection, redundant circuit design, and two-step detection due to its flexible circuit setup. The design optimizes space and reduces the need for multiple switches, streamlining assembly, and terminal connections.

The new product range features three different setups:

* Two-Step Detection Type
* Redundancy Type
* Failure Detection Type

The **Two-Step-Detection Type** realizes the idea of detecting two operating points with one single switch. It offers an interesting alternative for many latch applications which require detection of pre- and final closing. This solution supports customers’ needs to minimize size and component cost in the application. Design-in will be simplified because of the reduced tolerance chain.

The **Redundancy Type** Switch integrates two internal circuits into a compact unit, ensuring continued operation even if one circuit fails. It is the first time that such a concept has been realized with a three-terminal switch.

The **Failure Detection Type** Switch identifies wiring and internal circuit failures. Functional safety will be the main reason to use this solution. Immediate feedback about what kind of failure happened is a must for this kind of application.

ASQD as a further development of the sliding switch line-up from Panasonic also features: silent operation, high contact reliability, long stroke, excellent shock- and vibration resistance, IP67.

For more information, please visit [ASQD1 Series Seal Type Snap Action Switches](https://industry.panasonic.com/ap/en/products/control/switch/micro-seal/two_circuits_detection)

**About Panasonic Industry Europe GmbH**

Panasonic Industry Europe GmbH is part of the global Panasonic Industry organization, one of the eight major operating companies within Panasonic Holding. Panasonic Industry Europe provides products and services for industrial customers all over Europe.

Panasonic Industry Europe is committed to enabling customers to achieve their goals in a broad range of industrial sectors such as mobility, infrastructure, automation, medical, appliances, smart living, and security. With the know-how of devices and solution technologies, cultivated through a global mindset and over a century of tradition, Panasonic Industry collaborates closely with customers to create a sustainable future.

Panasonic Industry Europe’s broad and diverse product portfolio encompasses key electronic component sectors including electromechanical and passive components, batteries and other energy products, sensors and wireless connectivity modules, thermal management materials and custom solutions, as well as automation devices & solutions.

More about Panasonic Industry Europe: **http://industry.panasonic.eu**

**About the Panasonic Group**

Founded in 1918 and today a global leader in developing innovative technologies and solutions for wide-ranging applications in the consumer electronics, housing, automotive, industry, communications, and energy sectors worldwide, the Panasonic Group switched to an operating company system on April 1, 2022, with Panasonic Holdings Corporation serving as a holding company and eight companies positioned under its umbrella.

The Group reported consolidated net sales of Euro 54.12 billion (8,496.4 billion yen) for the year ended March 31, 2024. To learn more about the Panasonic Group, please visit: **https://holdings.panasonic/global/**