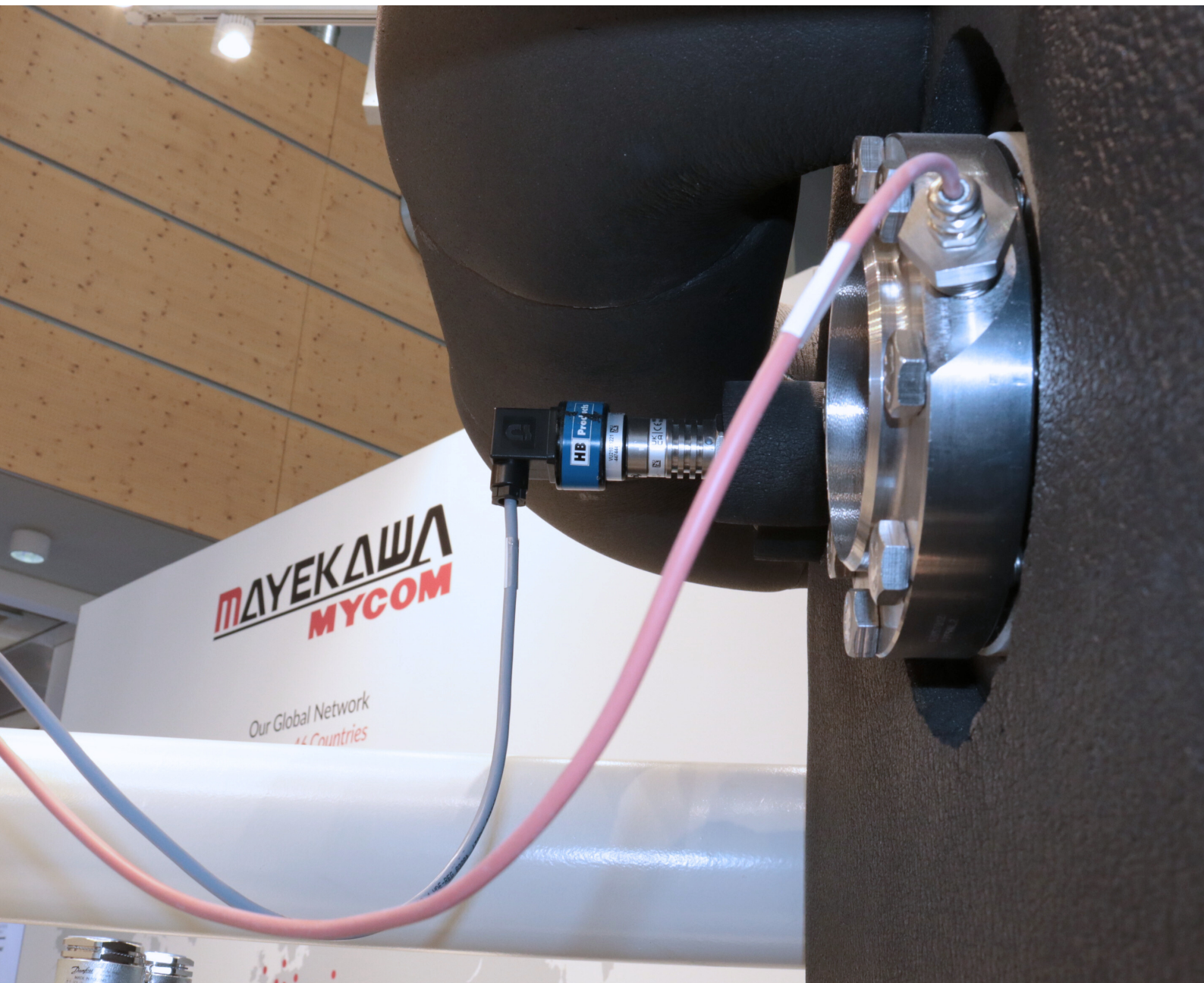
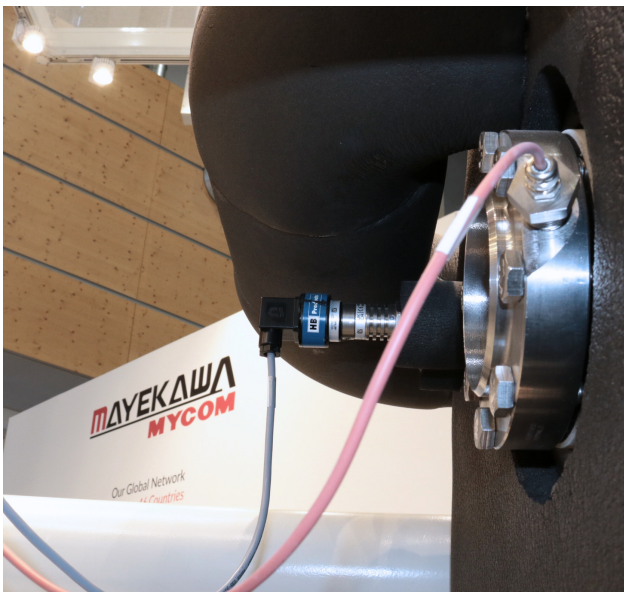


HBSR SWITCH SIMPLIFIES
MAINTENANCE OF MAYEKAWA
CHILLERS



In 2021, Mayekawa Nordic was looking for a robust and reputable solution for oil and refrigerant management in their new ammonia (NH₃) chillers. They chose the HBSR switch from Danish HB Products.

The HBSR is a tried and tested switch, offering reliable and cost-efficient oil and NH₃ level control. It has a split design – separating the electronics from the mechanical part - enabling easy replacement in case of faulty electronics, with no need for a costly shutdown of the system during maintenance.



“We chose to use the HBSR for several reasons. We know HB Products from previous collaborations and the quality of their products is well known in the industry. The switch is easy to implement, and both level sensors and switches are approved for NH₃ refrigeration circuits.”

- Claus Ødegaard, Sales Manager,
Mayekawa Nordic

Mayekawa values the simplified maintenance resulting from the split design. Combined with solid support from HB Products during the prototype testing phase, and in resolving any product-related challenges, this has led to a pleased customer.

” We have a productive collaboration with HB and receive good service when needed. The separation between the mechanical and electrical part makes servicing easier. No need to drain the refrigerant charge to change a defective electronics component.”

- Claus Ødegaard, Sales Manager,
Mayekawa Nordic



THE HBSR SWITCH

The switch is designed for industrial ammonia systems, with a maximum pressure of 100 bar. It is typically installed in the ammonia vessel, but can also be installed on pump separators, economisers, or heat exchangers.



The HBSR Switch, introduced in 1996, have a track record of 27 years, during which its functionality has been thoroughly tested and documented.

The mechanical section of the HBSR switch has no moving parts and a lifespan that can be longer than the refrigeration system itself. However, the electronic part of any switch is more fragile and can become technically obsolete over the years. The split design therefore simplifies the maintenance by allowing easy replacement of only the electronics.

The standardised solution combines Danish quality engineering with cost efficiency and the benefit of speedy delivery times.

As of May 2023, the switch is available with a waterproof union for connection. This feature enhances user-friendliness and is particularly useful in environments with significant temperature variation. This can result in condensation, which potentially seeps into the sensitive electronics and causes damage.



MAYEKAWA – A HISTORY OF SUSTAINABILITY

Mayekawa was founded in 1924. With almost 100 years' experience in the cooling industry, the company has become a world leader in industrial refrigeration, employing over 4,500 people globally.

Mayekawa Nordic, part of the Mayekawa Group, launched the water-cooled ammonia mCHILLER FUGU in 2020, followed by the introduction of the air-cooled mCHILLER TAKA in 2022.



Mayekawa Nordic is known for an innovative approach and high-quality products, and like its parent company, the focus has always been on sustainable solutions based on natural refrigerants.



” We are happy to recommend the HBSR switches. HB Products is a well-known brand in the industry and has been on the market for many years. The range of products is large, including all the sensors and switches needed in a refrigeration system. ”

- Claus Ødegaard, Sales Manager,
Mayekawa Nordic

[READ MORE CASES](#)

[VIEW HBSR](#)

[MAYEKAWA FUGU](#)



Bøgekildevej 21, 8361 Hasselager
+ 45 87 47 62 00
www.hbproducts.dk
info@hbproducts.dk



Lindholm Havnevej 29, 5800 Nyborg
+ 45 31 92 90 00
www.mayekawa.dk
sales@mayekawa.dk