

Your Partner for Process Applications

OGI sits down with regular contributor Klippon Engineering UK to get their perspective on a few different issues, particularly surrounding the solutions they provide for hazardous areas. Klippon Engineering is the internationally renowned partner of the Weidmüller Interface GmbH & Co. KG in the field of process engineering, and we learn more below.

OGI: Can you talk about Safe Series relays?

Klippon: Whether for a burner control system, secure emergency shut down or, for example, for pump controllers – our safety relay guarantees safe conditions and convince with superior and significant features. Their integration into distributed control systems (DCSs) is even better, with an input filter which makes the SIL circuit immune to the test impulse which is typically used by a DCS. You will also benefit from simple maintenance: The fuses are accessible from the outside and can easily be changed. You can see the status of the safety and the monitoring devices clearly with status LED on the device. All devices are accredited through certification by the internationally recognised TÜV-NORD group – for secure process applications around the globe.

OGI: Can you talk about your solutions for electrical and mechanical connections?

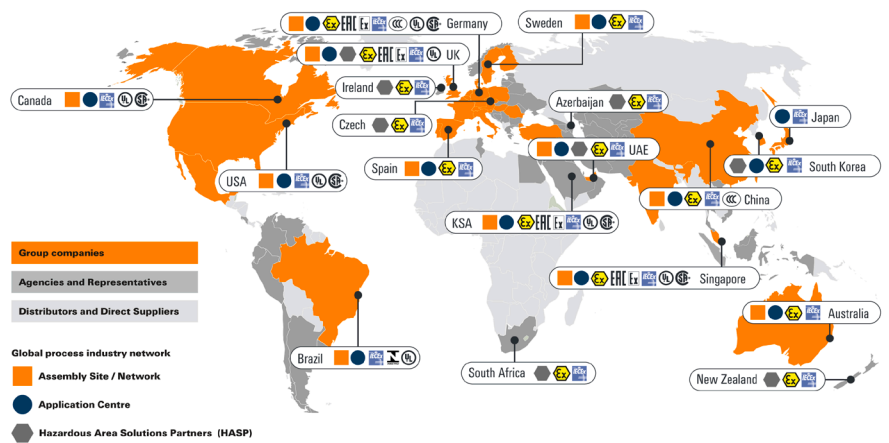
Klippon: We offer a wide range of high-quality electrical and mechanical connection solutions, especially for EX areas, all with HAZLOC certification. Our range extends from terminals to redundant communication-capable power supply solutions to signal isolators, relays, and surge protection devices and these are all immediately available from stock.

OGI: Are your products certified for hazardous areas and if so, what types of solutions do you offer in that regard?

Klippon: We have an expansive range of enclosures for the use in Hazardous Area locations, manufactured from various materials such as Stainless Steel, Aluminum and GRP.

Our unique certification allows us to equip with various solutions such as electronic components, buttons, connection solutions and many more for many applications. As your partner for process applications, we are engineering our solutions tailored to your certification needs. We meet a wide variety of certification standards around the world, such as ATEX, IECEx, NEPSI, INMETRO, EAC, UL, cULus, Gost, CCC, SIL, FM, CSA, DNV-GL.

Klippon's global network focuses on the development and supply of products, solutions, and systems



OGI: Can you help the readers understand more about how and when control systems should be updated? And how does that process work?

Klippon: Increasingly complex applications and systems make the rewiring of controls, sensors, or actuators a challenge. In order to meet the demands of digitalisation, it is necessary to bring control systems up to date. Our migration and retrofit solutions speed up installation and avoid wiring errors. This saves time and money. We offer PLC/DCS interface boards, front connectors, interfaces and assembled cables for all commercially available systems. And if required, we also supply you with an individual PLC/DCS migration solution including approval. Benefit from the support of our experienced experts and the speed and flexibility of our global network.

OGI: Could you elaborate on your global process industry network?

Klippon: Hazardous Area Solutions Partners (HASP) are an extension of our global assembly network dedicated to the supply of engineered solutions for Hazardous areas. Our global network supports Klippon Engineering in

the worldwide, flexible realisation of customer projects. With our experienced partners, we expand our production capacities through real industry experts. For our customers, we enable even faster and more efficient implementation of solutions with the highest standards of quality and safety.

We have HASPs in the Czech Republic, Ireland, Korea, The Netherlands, Poland, South Africa, AE, UK and New Zealand.

OGI: Finally, could you enlighten our readers about a case study where you helped a client with your solutions?

Klippon: For our customer Exolum, one of the worlds leading companies for the storage of refined liquids, we have developed a customised solution for the retrofit of the decentralised control stations and remote I/O, using Weidmüller u-remote. A great example of our state-of-the-art automation solutions based on the Industrial IoT. Exolum manages Europe's largest network of refined products and is ranked second in Europe in terms of storage capacity and seventh in the world. The site in Amsterdam is offering storage and logistics services for different types of fuels.

If you would like to know more about how Klippon Engineering UK Ltd can help your company and its operations, please contact them:

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