

# Press fitting technology for high-pressure mist installations

water

Daniel Krieg (Product Manager, FIPE AG)

FIPE AG, Zürich, Switzerland, [daniel.krieg@fipe-system.com](mailto:daniel.krieg@fipe-system.com)

## Bio

Daniel Krieg has a master's degree in both mechanical engineering and plastics engineering and spent 15 years with an engineering service company. During this time he has conducted and managed various multidisciplinary development projects for various industries. Daniel is co-founder of FIPE AG and responsible for the Product Management of FIPE. Since 2012, he has been involved in the development, production and marketing of press system technology for high-pressure applications, among others.

## Abstract

For sanitary installers it is as clear as daylight - for the installation of low-pressure pipe networks, press systems are being used. Low-pressure press technology has been proven for decades and has largely replaced other installation processes such as soldering, welding, threading, flanging and cutting rings. The reasons for this are cost savings during installation and a significant reduction in project lead times. Pressing is nowadays the standard for sanitary installations. But how about the installation of high-pressure systems?

The conditions for the installation of high-pressure fire extinguishing systems are almost ideal for the use of press systems: cost pressure compared to sprinkler systems, short project lead times, clean working methods, lack of skilled personnel, to name just a few factors.

Can the HPWM industry therefore afford not to broadly rely on the advanced and now proven technology of pressing? There are several product vendors on the market now.

This presentation will give a brief technical introduction to the world of high-pressure press fitting technology and explains the benefits of this young but significant joining technology. Project examples will be used to demonstrate the advantages of press fitting systems. The audience will understand the working principle and the applications, but also the limits for the use of high-pressure press fittings in their projects.

HPWM has to gain further market shares by winning more and bigger projects. This requires products and methods that make this growth possible. The demanding requirements of the installation of high-pressure water mist projects, ask for a simple, efficient and safe connection technology suitable for "series production". It's all there!

**Keywords:** press fitting technology, efficient installation, safe installation, series production for installation, installation cost reduction, limitations of press fittings

