



Your parts guarantee us a connection that is reliable and works perfectly for decades.

**Alejandro Escobin**  
Engineer at PFISTERER Ixosil AG

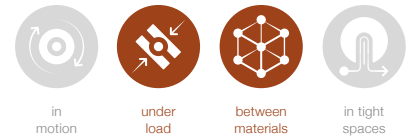
## Power for the whole world

Sefag Components AG manufactures specialised components for use in high-voltage lines for PFISTERER Ixosil AG from Altdorf. What appears simple actually poses huge challenges in terms of electrical engineering.

PFISTERER Ixosil AG from Altdorf can claim that they are responsible for connecting the entire world. They supply components and systems for high-voltage lines used both in oil production plants in Saudi Arabia and transformer substations in the foothills of the Swiss Alps.

Parts from Sefag Components AG can also be found in the cable systems at PFISTERER Ixosil AG. Both companies are linked by a long-term partnership. «Among other things, Sefag manufactures head fittings for terminations for us,» explains Alejandro Escobin, who is responsible for engineering at PFISTERER Ixosil AG. «A high-voltage cable always has to end somewhere, and this is where the cable is terminated and insulated. Sefag supplies tailored, completely water-proof connecting bolts, in which the cables are crimped.»

### Power transmission



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What sounds simple actually poses huge challenges in terms of production technology. Aside from the fact that thousands of amps of current are in contact with the metal parts, the various different materials used in the area of energy distribution also poses a challenge. «We usually have the components plated in silver or tin to prevent corrosion,» explains Sefag product manager Daniel Bieri.

The cables and terminals to be connected also don't always look the same. «Terminals are available in all shapes and sizes, they really are ten a penny,» claims Alejandro Escobin. «You'll soon run into problems if only standard components are used.» Sefag components cover the entire spectrum here: «Regardless of whether a 20 mm or 70 mm cable has to be connected, our connecting parts always fit perfectly,» comments Daniel Bieri.

Alejandro Escobin also appreciates the direct contact and flexibility when working together with Sefag Components AG – something that is apparently of key importance in the branch. «It can happen that a customer orders components from us and then changes the entire order just one week later. It is thus very important to have a flexible partner with whom you can enjoy quick and uncomplicated business exchanges.»

As Escobin is well aware, the quality of the parts has to be up to scratch. «Terminations are designed for a service life of at least 30 years,» he explains. «With their components, Sefag guarantees a reliable connection for decades to come.»

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Tailor-made solutions for individual connection problems in power transmission.

**Contact us today!**

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