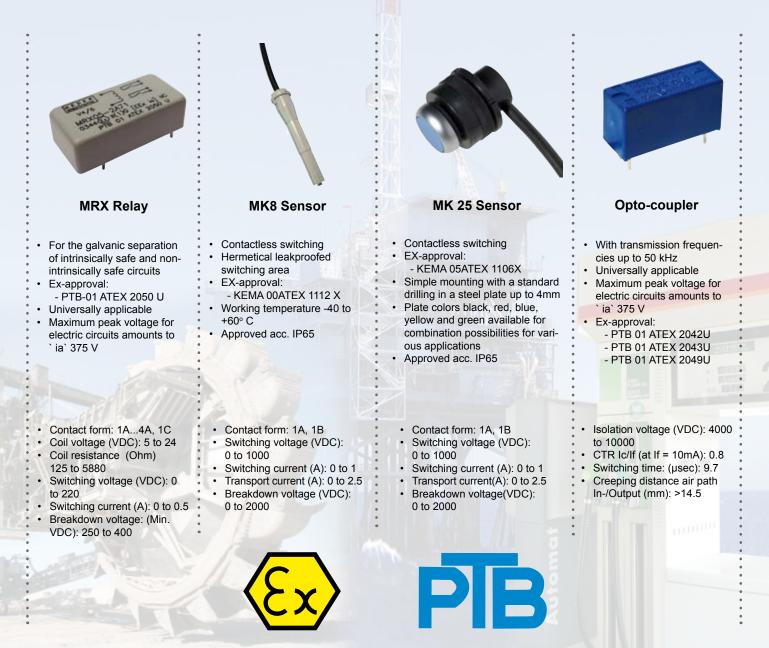


## Innovations by MEDER electronic

## Reed Products for Explosive Environments

Electronic equipment is often used in potentially explosive environments. As such, all components used in these areas have to be carefully selected to prevent them being potential sources of ignition via a spark or arc, i.e. intrinsically safe. These components must be tested such that they will not become an ignition source when subject to short circuits or adjacent component failures. Additionally, they must also switch to a defined state when subjected to overload conditions.

MEDER electronic have developed a number of products which meet the stringent requirements of EN60079-11 where the air and creepage paths as well as the electric strength are defined. Our relays and sensors are optimally designed for these challenges and are used in applications within the **mining**, **chemical**, **refinery** and **fuel dispensing industries**.



For samples and inquires, please go to "www.meder.com" and click on "Contact us" to find your closest technical sales person.