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Magnetic switches – General features

Electromechanical and electronic models

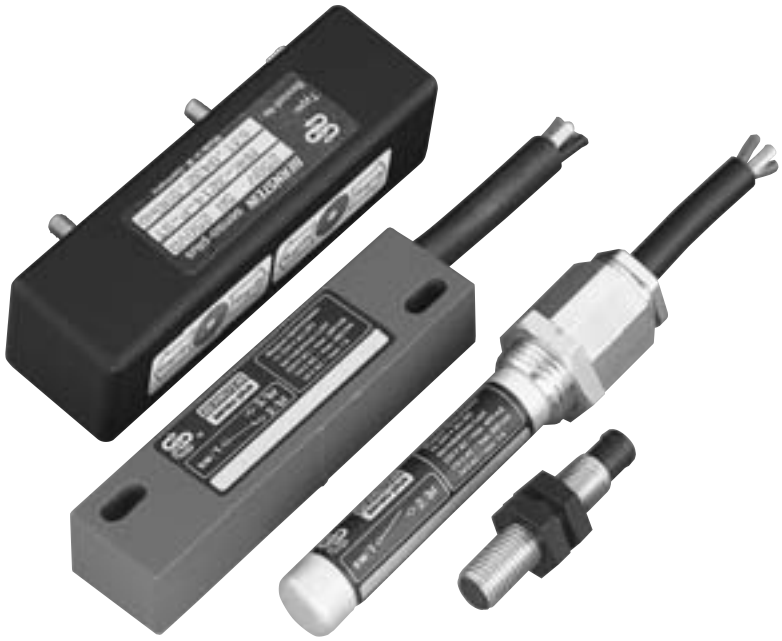
BERNSTEIN has extended its range of electromechanical magnetic switches with electronic versions which operate according to the Hall and magnetoresistive principle.

Electromechanical and electronic magnetic switches have special properties which ensure optimal use in their respective environments.

The electronic versions are characterised by their improved mechanical characteristics (high resistance to vibration, shock or impact) and are absolutely wear-free.

The traditional electromechanical magnetic switches have a very high operational reliability thanks to the use of only one single "active" component (reed contact). The multi-voltage capability and low procurement costs allow these switches to be used in a wide range of applications.

The matrix below highlights the main features for each principle of function and helps you to decide on which magnetic switch to use for your application.



Technical features and fields of use

More detailed information about the technical features and fields of use for the two principles of function is available in the following chapters.