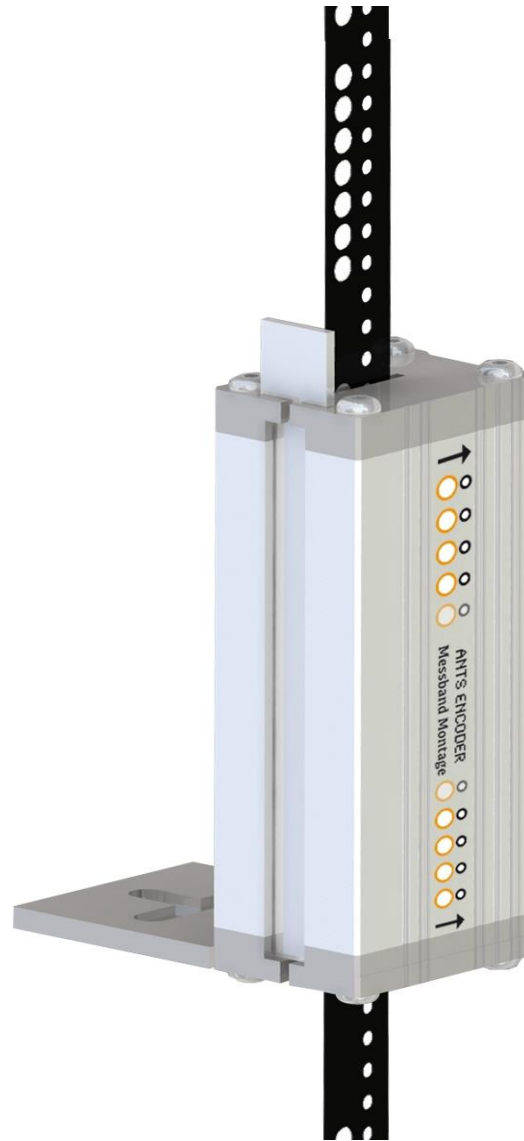




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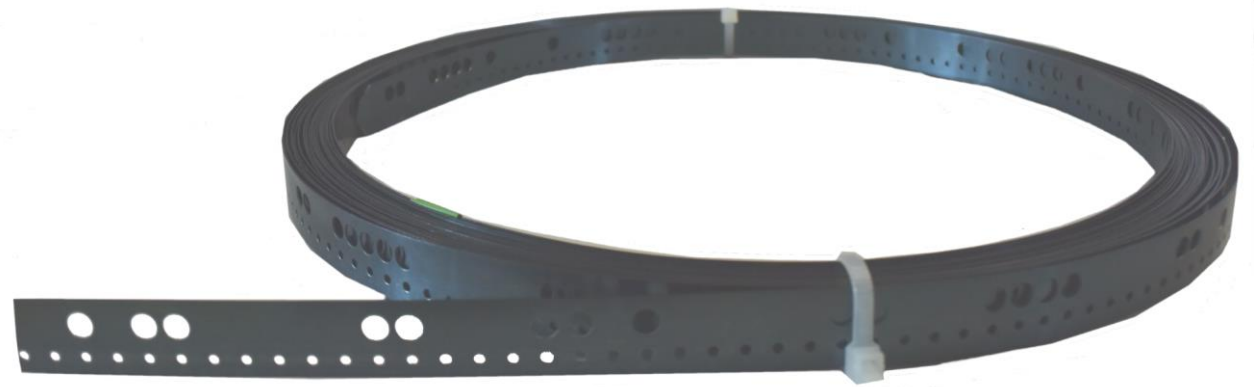


Shaft copying system Variotech-ANTS

The Variotech ANTS is an absolute measuring system for determining the position of the elevator car, consisting of the reading head, the steel belt and a fixing set. The measuring system can work at a shaft height of up to 100m and a maximum speed of 3.0 m / s with a millimeter resolution.

The assembly in the shaft head is carried out by a shaft flag holder, to which the steel strip is hooked by means of a snap hook.

In the shaft pit, the assembly is also carried out with a shaft flag holder, in conjunction with a tension spring, which keeps the steel strip to tension.



Advantages of the encoder system for shaft copying:

- The measuring belt used is a steel belt, which guarantees a high mechanical load, as well as a high insensitivity to environmental influences. The measuring system is not affected by dust, dirt, moisture, magnetic fields, high temperature fluctuations or electromagnetic emissions.
- The absolute encoder system provides a millimeter position of the cabin, which is maintained even after power failure, without the need for a correction run.

The quick installation of the encoder system in the shaft, as well as the pre-assembled electrical connection on the cab, has remained the same compared to the existing copying systems!