

Sensorless Safety Standstill Monitor

2-channel standstill monitoring of motors

The new DOLD safety standstill monitor LH5946 detects standstill of disconnected motors independent of the rotating direction. It fulfils SIL 3 and PL e/SK 4 and is used to release a solenoid locking switch or to activate a mechanical hold in brake, e.g. on woodworking machines, machine tools, conveyor systems etc. This provides fast access to dangerous areas of a plant for service and maintenance.



Proximity sensors and speed sensors are not necessary. This saves cost, installation work and allows easy refurbishment. The unit measures the back emf voltage of a freewheeling motor. The unit is connected directly to the motor supply wires. Residual voltage on the measuring circuit up to 400

mV can be compensated by adjusting the response value. The unit is often used with frequency inverters.

876 Zeichen (gesamt inkl. Leerzeichen)

Über eine kostenlose Veröffentlichung des Textes und der Bilder würden wir uns sehr freuen

Kontaktadresse zur Veröffentlichung
Please contact before publication
Nous contacter avant publication, s.v.p.

E.DOLD & Söhne KG
Postfach 1251
78114 Furtwangen

Tel.+49 (0)7723/654-0, Fax –356
Email: dold-relays@dold.com
<http://www.dold.com>

Ansprechpartner : Dipl. Ing. Sigmund Plachetka