

* **βH 1**
* **βH 2**
HALL MAGNETIC TRANSDUCERS

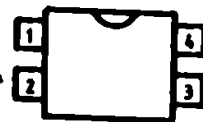
The βH 1 and βH 2 are linear integrated circuits consisting of an built-in transducer processed on a silicon chip. In the presence of a magnetic field, the circuit differential output is proportional to the value of the magnetic field induction vector.

The circuit is intended for use in all applications where the measuring of a magnetic field is necessary.

Features

- Operating temperature 0 ... +70 °C
- Storage temperature -25 ... +125 °C
- Supply voltage 0 ... +18 V
- Supply current (V+ = 5 V) max. 3 mA
- Output offset voltage (V+ = 5 V) .. βH 1 ... - 2 ... +12 mV
βH 2 ... -12 ... + 2 mV
- Output voltage (V+ = 5 V, B = 40 mT) min. +/- 8 mV

- 1. GND
- 2. Differential output 1
- 3. Differential output 2
- 4. V+



PACKAGE MP-24 / TOP VIEW

* Preliminary data