Produktinformation

HIH 5030-001

Art-Nr.: HIH 5030-001



12,50 EUR / Stück

zzgl. 19% USt. zzgl. Versand

Produktion nach Bestelleingang i.d.R. 5-7 AT

HIH 5030-001 analoger Feuchtesensor

The HIH-5030/5031 Series Low Voltage Humidity Sensors operate dow to 2.7 V, often ideal in battery-powered systems where the supply is a nominal 3 V. The HIH-5030/5031 complements our existing line of non-SMD humidity sensors. SMD packaging on tape and reel allows for use in high volume, automated pick and place manufacturing, eliminating lead misalignment to printed circuit board through-hole.

The HIH-5030/5031 Series Humidity Sensors are designed specifically for high volume OEM (Original Equipment Manufacturer) users. Direct input to a controller or other device is made possible by this sensor’s near linear voltage output. With a typical current draw of only 200 µA, the HIH-5030/5031 Series is often ideally suited for low drain, battery operated systems. Tight sensor interchangeability reduces or eliminates OEM production calibration costs. Individual sensor calibration data is available. The HIH-5030/5031 Series delivers instrumentation-quality RH (Relative Humidity) sensing performance in a competitively priced, solderable SMD.

The HIH-5030 is a covered integrated circuit humidity sensor. The HIH-5031 is a covered, condensation-resistant, integrated circuit humidity sensor that is factory-fitted with a hydrophobic filter allowing it to be used in condensing environments including industrial, medical and commercial applications. The RH sensor uses a laser trimmed, thermoset polymer capacitive sensing element with on-chip integrated signal conditioning. The sensing element's multilayer construction provides excellent resistance to most application hazards such as condensation, dust, dirt, oils and common environmental chemicals.Analog voltage

Quelle: honeywell.com (externer Link, Sie verlassen die Seite von ConSens)