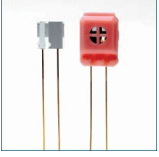


Detaylı Bilgi İçin Ürün Resmine Tıklayınız



Bu sensörlerin çalışma prensibi, yapıldığı polimerin higroskopik özelliklerine bağlıdır. Burada polimer ko

Ürün Özellikleri

- Kapasitif ince film sensörü
- Ölçüm aralığı: RH% 0-100, Sıcaklık: -30 - +200 °C
- Karışım oranı: 250 g su / Kg kuru hava
- Düşük histerezis
- Tepki süresi: 4 saniye

Teknik Özellikler

H5000	H5100
Response time	
90% of scale for a step change	
from 11% to 75% RH	4 sec
Operating range	
Humidity	
Temperature	

Pressure		
0–100% RH		
-30 to +200°C		
0.04–30 bar (0.6-400 psi)		
0–100% RH		
-30 to +100°C		
0.04–30 bar (0.6-400 psi)		
Mixing ratio	250g water / Kg dry air	
Nominal capacity	75% RH @ 25°C ±10%	
Sensitivity	11-75% RH @ 23°C ±0.1% RH	
Linearity	11–90% RH @ 23°C ±0.5% RH	
Long term stability (12 months)	at 23°C @ 11% RH	
Maximum air speed (with a 20mm/sec)		
Hysteresis	Typical value = 0.5% RH	
D Factor loss tangent	@ 10KHz 75% RH @ 23°C	
Supply voltage		
Peak-to-peak	2.5 V AC	
DC component	< 0.2 V	
Operating frequency range	5–300 KHz	
Protection cap	No	Yes
Weight	0.1g	1g
