

HM1520LF

Product code: HM1520LF

Manufacturer: MEAS France



Based on the rugged HS1101LF capacitive humidity sensor, HM1520LF is a dedicated humidity transducer designed for measurements at low humidity. Direct measurement of dew point or water concentration can be easily obtained in really cost effective conditions. Direct interface with a micro-controller is made possible with the module's linear voltage output.

Features:

- Tubular form for through wall mounting
- Product free from Lead, Cr(6+), Cd and Hg
- Calibrated, linear voltage for easy electronic interface
- Typical 1 to 1.6 Volt DC output for 0 to 20% RH at 5Vdc supply
- Ratiometric to voltage supply
- Patented solid polymer structure
- Full interchangeability
- Not affected by water immersion
- Controlled temperature dependency

Humidity Sensor Specific Features:

- Not affected by long period at low humidity values
- High resistance to chemical
- Fast response time

Accuracy	±5% @ 55% RH@23°C
Humidity range	0 ~ 100% RH
Sensitivity	26mV/%RH
Response Time	10s (33 ~ 75% RH)



Tecnosens S.p.A.
Via Vergnano,16 25125
Brescia (BS) Italia

Tel: (+39) 030 3534144
Fax: (+39) 030 3530815
info@tecnosens.it
PEC: tecnosens@legalmail.it

Sensor type

Capacitive humidity

Output

Voltage output