

R7410C

Dew-Point Temperature/Humidity Signal Converter

The R7410C is a dew-point temperature/humidity signal converter, detecting dry bulb and dew-point temperatures, calculating relative humidity and transmitting a 4 to 20mA dc output signal.



Specifications

Power supply	100/200Vac 50/60Hz
Power consumption	5W max.
Ambient temperature	0 to 50°C
Ambient humidity	90%RH max. at 40°C
Conversion accuracy	Relative humidity $\pm 2\%$ FS Dry bulb temperature $\pm 0.5\%$ FS
Input	Dew point: SSP129B,D Dry bulb: Ni 508 Ω
Output	4 to 20mA dc 2 circuits
Load resistance	0 to 600 Ω
Wiring resistance	0 to 4 Ω
Mounting	Wall mount
Weight	1.6kg

Selection Guide

Model No.	Conversion Range	Sensor Type	Output
R7410C1002	-5 to +55°C	DB Ni 508 Ω	4 to 20mA dc linear
	20 to 100%RH	DP SSP129B,D	4 to 20mA dc linear

Dimensions

(unit:mm)

