



TCS5201 土壤濕度計

TCS5201 Soil Humidity Sensor

專用於戶外各環境監控、學校、農業、實驗室、氣象、室內採光雨感控制等~

**獨家經銷
進口品~**

ELECTRICAL

Interface	Standard 4-20mA analog transmitter
Supply Voltage	12-32VDC continuous
Output Current	4-20mA analog
Overvoltage Protection	Yes
Settling Time	4 seconds
Wiring	Red Wire : (+) supply Black Wire : (-) output Shield : not connected

MEASUREMENT

Type	Volumetric water content (VWC)
Range	0~100% VWC typical
Resolution	Depends on current measurement
Accuracy	±6% WVC with generic calibration for supported growing media up to 65% WVC above which accuracy lessens. Increased accuracy can be achieved with a medium
Output	4-20mA current proportional to VWC
Sensor Measurement Interval	1 second
Operating Environment Temperature	-40 to 80°C
Physical Properties Dimensions	8.9cm×1.8cm×0.7cm
Cable	2m or 5m, 3wire (22 AWG tinned Red and Black wire, 24 AWG tinned bare wire) (Custom cable length available upon request)