

Transmetteur de température industrielle, humidité relative, pression atmosphérique - sortie RS485

code: T7411-2



Transmetteur d'humidité, de température avec sonde T + RH avec câble de 1 m. Des longueurs de câble de 2m ou 4m sont disponibles en option. Utilisation extérieure et intérieure. Pour la surveillance de l'environnement.

Humidité, sonde de température sur un câble. Les valeurs mesurées sont également converties en une autre interprétation de l'humidité: température du point de rosée, humidité absolue, humidité spécifique, rapport de mélange, enthalpie spécifique. Capteur de pression intégré.

Données techniques

Relative humidity range	0 to 100%
Accuracy of relative humidity measurement	±2.5% relative humidity from 5 to 95% at 23°C
Accuracy of temperature output	±0.4°C from -30 to +100°C ±0.4% from reading over +100°C
Available temperature units	degrees Celsius, Fahrenheit
Accuracy and range of dew point temperature output - for more details see graphs	±1.5°C at ambient temperature T < 25°C and RH > 30% range -60 to +80 °C
Accuracy and range of absolute humidity output	±1.5g/m ³ at ambient temperature T < 25°C range 0 to 400 g/m ³
Accuracy and range of specific humidity output	±2g/kg at ambient temperature T < 35°C range 0 to 550 g/kg
Accuracy and range of mixing ratio output	±2g/kg at ambient temperature T < 35°C range 0 to 995 g/kg
Accuracy and range of specific enthalpy output	±3kJ/kg at ambient temperature T < 25°C range: 0 to 995 kJ/kg
Maximum measuring pressure range	600 to 1100hPa
Accuracy of pressure measurement	±1,3hPa 23°C from 800 to 1100hPa
Available pressure units	hPa, kPa, mbar, mmHg, inHg, inH ₂ O, PSI, oz/in ²
Temperature operating range of case with electronics	-30 to +80°C
Temperature operating range of LCD display	readable to operating temperature +70°C, it is recommended to switch OFF the LCD over +70°C
Range of humidity sensor temperature compensation	all temperature range
Communication protocol	ModBus RTU and Advantech ADAM compatible protocol
Communication speed	110 to 115200 Bd
Filtering ability of sensor cover	0.025mm - filter with stainless steel mesh
Protection of the case with electronics	IP54 electronics, IP40 sensors
Power	9-30Vdc, consumption approximately 0.5W

Length of the probe cable	1m, 2m or 4m optionally
Dimensions	display unit 88.5 x 114 x 39.5 mm (W x H x D), probe length 88 mm, probe diameter 18mm
Weight	approximately 210g - 1m probe
Warranty	3 years