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AS-100 SERIES ATMOSPHERIC SENSORS DATA SHEET

The AS-100 Series Atmospheric Sensors have been designed for use in meteorological and ground studies. A wide variety of temperature, relative humidity, and barometric pressure sensors and hardware are available for virtually all requirements where accurate, rugged and robust sensors and electronics are a must. Each unit is ranged for a typical parameter requirement to maximize the sensitivity and accuracy of its measurement. Usually both a DC voltage and a DC current output model are offered for use with a 12 VDC supply making them ideal for remote locations where unlimited power is not available and often a 12 VDC solar power system is routine. Most units are designed or have the option for outdoor installation and have a minimum of NEMA 4 packaging. All units come with a six foot cable of appropriate gauge and number of conductors to facilitate ease of installation.

SELECTION:

AS-105 Temperature Probe w/ passive PT100 Sensor
AS-110 Temperature Probe w/ 0-1 VDC output
AS-115 Temperature Probe w/ 4-20 mA output
AS-120 Relative Humidity Probe w/ 0-1 VDC output
AS-125 Relative Humidity Probe w/ 4-20 mA output
AS-130 Relative Humidity Probe w/ 0-1 VDC output
& w/ passive PT1000 Sensor
AS-140 Relative Humidity Probe w/ 0-1 VDC output
& Temperature Probe w/ 0-1 VDC output
AS-145 Relative Humidity Probe w/ 4-20 mA output
& Temperature Probe w/ 4-20 mA output
AS-150 Barometric Pressure Sensor (600-1100) w/ .1-5.1 VDC output
AS-155 Barometric Pressure Sensor (800-1100) w/ .1-5.1 VDC output
AS-160 Barometric Pressure Sensor (600-1100) w/ 0-5.0 VDC output
AS-165 Barometric Pressure Sensor (800-1100) w/ 0-5.0 VDC output
AS-170 Solar Radiation Sensor w/ Mount
AS-175 Radiation Shield
AS-180 Aspirated Radiation Shield
AS-190 Dew Point System

Please see separate data sheets and their offered options for your particular sensor requirements. The AS-100 Series Atmospheric Sensors come complete with a full one year warranty against defects in materials or workmanship.

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