



SKPS 830 - 4-20mA AIR PRESSURE SENSOR

These sensors compliment Skye's range of meteorological instruments, many of which are ideally suited for use with the Skye MiniMet and the DataHog loggers.

This model has a 4-20 mA output suitable for industrial controllers and management systems.

The air pressure sensor range covers temperature compensated and non-temperature compensated pressure transducers (reflected in the price) each contained in a waterproof housing.

The housing includes a baffled vent to allow changes in air pressure to be measured through the sealed enclosure.

The barometer is easily mounted using four fastening holes provided (a pole arm mount is available for this model, (SKM 224).



From our range of Air Pressure Sensors to suit different applications. Ideal for industry.

Housing suitable for indoor or continuous outdoor use

Available with a range of mounting accessories

SKPS 830 SPECIFICATIONS

Range - 800 - 1200mBar

Resolution - Dependent on the measurement controller or system

Accuracy - 1mBar (+/-0.1% FS)

Error Over -10°C to +50°C - Less than 5mBar (0.5% FS). Less than 10mBar (1% FS) -20°C to + 80°C

Long Term Stability - 0.5mBar, 0.05% typical (1mBar 0.1% max)

Housing Dimensions - Plus 20mm vent on base



Power Supply - 7 to 32V DC, Loop powered

Operating Temperature - -40°C to +80°C

ORDERING INFORMATION

Sensor

SKPS 830 - Air pressure sensor with 4-20mA Output

Accessories

SKM 224 - Short arm pole mount for Barometer with fixings

Other Air Pressure Sensors

SKPS 800 - Air pressure sensor, temperature compensated

SKPS 800/M - Air pressure sensor Marine Version, temperature compensated

SKPS 810 - Air pressure sensor, 0-5v, temperature compensated

SKPS 820 - Air pressure sensor

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