

Ordering the NJK Signal Processing Unit

NJK Precision Cable Length

An NJK Signal Processing Unit should never use more than one NJK Multi Sensor Hub per Signal Processing Unit.

Each Multi Sensor Hub can accept up to 3 Flow Measuring Modules per channel and 8 Flow Measuring Modules total.

Sensor Module signal certainty is dependent upon cable lengths, all connections, and sensor system communication traffic (sensor wiring configuration and sensor programming parameter settings).

Single cable lengths of up to 300 feet can be utilized on a single sensor, and Signal Processing Unit-S.

Cable length from Multi Sensor Hub to Signal Processing Unit-M is standard 6' and must not exceed 25 feet in length.

Cable length from Flow Sensing Module to Multi Sensor Hub must not exceed 100 feet in length.

Cumulative cable lengths of up to 300 feet can be safely used when wiring the NJK Signal Processing Unit-M and Multi Hub Unit.

NJK Signal Processing Unit flow signal to Building Automation System cable length will be the responsibility of the BAS Control Contractor.

Field Wiring and Cabling:

The NJK Signal Processing Unit-M can accept signals from multiple Flow Measuring Modules. This is done by connecting all NJK Flow Measuring Modules to one NJK Multi Sensor Hub enabling all sensors to connect to the Signal Processing Unit via one RJ-45 cable. (All cables 25' and greater are factory supplied plenum rated 550 MHz 23 AWG CAT 6 cables)

