

16430S03 - STEAM CONDENSATE METER WITH FMS INTERFACE

Meter: Treated Steam Condensate

Size: As required to measure more than the maximum discharge of all condensate produced in the facility.

Location: Locate in the mechanical room near the wall where condensate leaves the building. Approx. 48" above finished floor.

Flow Sensor: Turbine mounted horizontal

Local Output: Odometer display of totalized gallons

Remote Output: Must be equipped with or option must be available for future field installation of pulse output representing integral flow (Gallons), (10 PPS Max), min. make 40 milliseconds, min. break 25 milliseconds, dry relay contact.

Enclosure: Meter and options to be enclosed in a NEMA 4 enclosure and all displays and alarms to be visible with enclosure shut.

Power: Self Contained

Environment: Ambient Temperature: 0 - 120 degree F

Accuracy: System outputs must be within 3% of actual measured quantities over the complete operating range.

Documentation: Provide three complete sets of system documentation. Documentation to include installation, calibration, operation, maintenance and repair manuals of sufficient detail to enable customer to install, calibrate, operate, maintain and repair the complete system. Documentation also to include circuit schematics, wiring interconnection diagrams and necessary mechanical drawings.

Acceptable meter(s):
Kent Model TM-350, 2"-6+", 350 degree F Water Meter or equal
Kent Model MTR, 0"-2", 300 degree F Hot Water Meter or equal