Oklahoma State University Utility Meter Part Number List

OSU has a sole product agreement with Endress Hauser for all utilities flowmeters on the OSU-Stillwater Campus.

Promag P100 magnetic flowmeters (for domestic water, chilled water, heating hot water, and condensate applications):

Standard Options:
- Liner : PTFE, PFA
- Non-hazardous area approval
- 24 Vdc power supply
- 4-20 mA HART, pulse/frequency/switch output
- No display
- Compact, aluminum coated housing
- Threaded ½" NPT electrical connection
- Class 150, carbon steel, ASME B16.5 flanges
- 316L electrodes
- NSF 61 drinking and warm water approval

Meter connection size (inch)	Meter Part Number
½"	5P1B15-AADBAADEA1KGA+AAL5
1"	5P1B25-AADBAADEA1K0A+AAL5
1-1/2"	5P1B40-AADBAADEA1K0A+AAL5
2"	5P1B50-AADBAADEA1K0A+AAL5
3"	5P1B80-AADBAADEA1K0A+AAL5
4"	5P1B1H-AADBAADEA1K0A+AAL5
6"	5P1B1F-AADBAADEA1K0A+AAL5
8"	5P1B2H-AADBAADEA1K0A+AAL5
10"	5P1B2F-AADBAADEA1K0+AAL5
12"	5P1B3H-AADBAADEA1K0A+AAL5

Standard line size Prowirl F200 vortex flowmeters (for steam applications where meter size is the same as line size):

Standard Options:
- Non-hazardous area approval
- 4-20 mA HART, pulse/frequency/switch output
- Display :SD02 with 4-line, push buttons and data backup function
- GT20 dual compartment, aluminum coated housing
- Threaded ½" NPT electrical connection
- Class 150, carbon steel, ASME B16.5 flanges
- 316L electrodes with integral temperature measurement and graphite sensor seal
- 0.75%, 3-point calibration flow

Meter connection size (inch)	Meter Part Number
½"	7F2C15-AADCCADCAAAAASKA1+AADJ
1"	7F2C25-AADCCADCAAAAASKA1+AADJ
1-1/2"	7F2C40-AADCCADCAAAAASKA1+AADJ
2"	7F2C50-AADCCADCAAAAASKA1+AADJ
3"	7F2C80-AADCCADCAAAAASKA1+AADJ
4"	7F2C1H-AADCCADCAAAAASKA1+AADJ
6"	7F2C1F-AADCCADCAAAAASKA1+AADJ
8"	7F2C2H-AADCCADCAAAAASKA1+AADJ

Reduced meter size Prowirl F200 vortex flowmeters (for steam applications where meter size is *smaller* than line size):

Standard Options:
- Non-hazardous area approval
- 4-20 mA HART, pulse/frequency/switch output
- Display :SD02 with 4-line, push buttons and data backup function
- GT20 dual compartment, aluminum coated housing

- Threaded ½" NPT electrical connection
- Class 150, carbon steel, ASME B16.5 flanges
- 316L electrodes with integral temperature measurement and graphite sensor seal
- 0.75%, 3-point calibration flow

Line Size > Meter Size (inch)	Meter Part Number
1-1/2" > 1"	7R2CRG-AADCCADCAAAAASKA1+AADJ
2" > 1-1/2"	7R2CRJ-AADCCADCAAAAASKA1+AADJ
3" > 2"	7R2CRK-AADCCADCAAAAASKA1+AADJ
4" > 3"	7R2CRM-AADCCADCAAAAASKA1+AADJ
6" > 4"	7R2BRN-AADCCD3AASK+AADJ
8" > 6"	7R2CRR-AADCCADCAAAAASKA1+DJ

CERABAR pressure transmitter (for all applications):

Standard Options:
- Non-hazardous area approval
- 4-20 mA output
- IP 65 NEMA 4x enclosure
- Threaded ½" NPT electrical connection
- EPDM seal

- 0-150 PSIG sensor range, 600 PSI overload
- Threaded ½" MNPT / ¼" FNPT process connection
- 316L housing and process connection

All applications	PMC11-AA1V1PFVXJJ

RSG45 data monitors (for all applications):

Standard Options:
- Non-hazardous area approval
- 100-230 Vac power supply
- **16 Inputs**
- Threaded ½" NPT electrical connection
- Zink diecast, powder-coated IP65 NEMA 4 enclosure

- MODBUS RTU/TCP communication
- Energy Software + mathematic
- Integrated Web server
- 7" multicolor TFT display (English)

All applications	RSG45-AA1BBBBAA1B6+AA

*All RSG45 data monitors must be installed in a Hoffman Pentair model A14128PHC enclosure.