



ORION® Meter Reading Systems

Endpoints for Gas Meters

The gas meters listed below, available from the major gas meter manufacturers, are compatible with ORION® endpoints for gas meters.

Due to the nature of ongoing product development and product enhancements, Badger Meter reserves the right to change product specifications and compatibilities without notice.

An ORION endpoint is available in either the ORION SE, ME or CE configuration.

SENSUS® METERS (Including Invensys®, Rockwell® and Equimeter® brands)

| MODEL | COMMENTS | ORION ENDPOINT |
|--------------------------------------|-------------------------------|---|
| R-175 | 11 tooth | Sensus Integral for 2 cu ft drives (see Note) |
| R-200 | 11 tooth | Sensus Integral for 2 cu ft drives (see Note) |
| RT-200 | 11 tooth | Sensus Integral for 2 cu ft drives (see Note) |
| RT-230 | 11 tooth | Sensus Integral for 2 cu ft drives (see Note) |
| R-275 | 11 tooth | Sensus Integral for 2 cu ft drives (see Note) |
| S-275 | 11 tooth | Sensus Integral for 2 cu ft drives (see Note) |
| RT-275 | 11 tooth | Sensus Integral for 2 cu ft drives (see Note) |
| R-315 | 11 tooth | Sensus Integral for 2 cu ft drives (see Note) |
| 250 | 11 tooth | Sensus Integral for 2 cu ft drives (see Note) |
| 310 | 11 tooth | Sensus Integral for 2 cu ft drives (see Note) |
| S-110 | 11 tooth | Sensus Integral for 2 cu ft drives (see Note) |
| S-200 | 11 tooth | Sensus Integral for 2 cu ft drives (see Note) |
| 175-S | 11 tooth | Sensus Integral for 2 cu ft drives (see Note) |
| S-120 | 11 tooth | Sensus Integral for 2 cu ft drives (see Note) |
| T-120 | 11 tooth | Sensus Integral for 2 cu ft drives (see Note) |
| T-110 | 11 tooth | Sensus Integral for 2 cu ft drives (see Note) |
| R-415 | 18 tooth | Sensus Integral for 415 |
| 750 | | Sensus C&I |
| 1000 | | Sensus C&I |
| 1600 | | Sensus C&I |
| 3000 | | Sensus C&I |
| 5000 | | Sensus C&I |
| 10000 | | Sensus C&I |
| Sonix 12, 16, 25, 57, 600, 880, 2000 | Use pulsed outputs from meter | ORION Remote for pulsed outputs |

NOTE: If drive is 1 cubic foot per revolution (24 tooth) then order "Sensus Integral for 1 cu ft drive."

AMERICAN® METERS

| MODEL | COMMENTS | ORION ENDPOINT |
|------------|--|---|
| W75AL | | ORION Integral for American Residential |
| AL-175 | | ORION Integral for American Residential |
| AC-175 | | ORION Integral for American Residential |
| AT-175 | | ORION Integral for American Residential |
| ALC-175 | | ORION Integral for American Residential |
| AT-210 | | ORION Integral for American Residential |
| AL-225 | | ORION Integral for American Residential |
| AL-250 | | ORION Integral for American Residential |
| AR-250 | | ORION Integral for American Residential |
| AC-250 | | ORION Integral for American Residential |
| AT-250 | | ORION Integral for American Residential |
| AM-250 | | ORION Integral for American Residential |
| AL-310 | | ORION Integral for American Residential |
| AL-350 | | ORION Integral for American Residential |
| AT-350 | | ORION Integral for American Residential |
| AL-425 | | ORION Integral for American Residential |
| AC-630 | | ORION Integral for American Residential |
| 5B 225 | | ORION Integral for American Residential |
| AL-800 | | ORION Integral for American C&I |
| AL-1000 | | ORION Integral for American C&I |
| AL-1400 | | ORION Integral for American C&I |
| AL-2300 | | ORION Integral for American C&I |
| AL-3000 | | ORION Integral for American C&I |
| AL-5000 | | ORION Integral for American C&I |
| RPM Rotary | With volume corrector or Type-A pulser | ORION Remote for pulsed outputs |
| RPM Rotary | With American AMR Adapter for the "C" and "CMTC" indexes. No pulser and no instrument. Contact American Meter for the American AMR Adapter and specific meter compatibility. | ORION Integral for American Residential |

ITRON® METERS (Including Actaris®, Sprague® and Schlumberger® brands)

| MODEL | COMMENTS | ORION ENDPOINT |
|-------------------|---|---------------------------------|
| Metris 250 | Slant-face index box; 3 hole index box | Actaris Slant-Face |
| Metris 250 | Straight-face index box; 3 hole index box | Actaris Straight-Face |
| 175 | 3 hole index box | Actaris Slant-Face |
| 175 WC | 3 hole index box | Actaris Slant-Face |
| 175 Combo | 3 hole index box | Actaris Slant-Face |
| 210 | 3 hole index box | Actaris Slant-Face |
| 240 Combo | 3 hole index box | Actaris Slant-Face |
| 240 | 3 hole index box | Actaris Slant-Face |
| 250 | 3 hole index box | Actaris Slant-Face |
| 250 WC | 3 hole index box | Actaris Slant-Face |
| 250 Combo | 3 hole index box | Actaris Slant-Face |
| 400 | 3 hole index box | Actaris Slant-Face |
| 400A | 3 hole index box | Actaris Slant-Face |
| 675A | | Actaris C&I |
| 800A | | Actaris C&I |
| 1000A | | Actaris C&I |
| Dattus fM2/fM3 | Use pulsed outputs from meter | ORION Remote for pulsed outputs |

DRESSER® ROOTS ROTARY METERS

| MODEL | COMMENTS | ORION ENDPOINT |
|-------------------------------------|---|--|
| Rotary Meters | With volume corrector or Type-A pulser | ORION Remote for pulsed outputs |
| Series B3 and LMMA Rotary Meters | With Dresser Roots AMR Adapter (contact Dresser for AMR Adapter and specific meter compatibility) | ORION Integral for American Residential |
| | Instrument drive with standard index (no instrument) | ORION Integral for American C&I |
| Micro Corrector | Use pulsed outputs from meter | ORION Remote for pulsed outputs |

ROMET® ROTARY METERS

| MODEL | COMMENTS | ORION ENDPOINT |
|----------------------------|---|------------------------------------|
| RM Series Rotary Meters | With factory installed Type-A pulser | ORION Remote for pulsed outputs |
| | Instrument drive with standard index (no instrument) | ORION Integral for American C&I |

MERCURY® VOLUME CORRECTORS

| MODEL | COMMENTS | ORION ENDPOINT |
|---|--|---------------------------------|
| EC-AT Mini Mini-AT Mini-Max TCI Corrector | Corrector must have Form A pulsed output | ORION Remote for pulsed outputs |

RIOTRONICS® PULSERS

| MODEL | COMMENTS | ORION ENDPOINT |
|------------------------|----------|---------------------------------|
| RegistRead RotaRead | | ORION Remote for pulsed outputs |

ANY DEVICE WITH A PULSED OUTPUT

The ORION remote endpoint for pulsed outputs can be interfaced to any Type-A pulsed output.

ALL OTHER METERS

The Badger Meter Gas RT is available for mounting to the face of the index cover. The output of the Gas RT can be connected to an ORION remote endpoint. The index cover must allow enough space for the Gas RT and must be plastic to allow drilling the mounting holes and the shaft hole. Use on iron-case and tin-case meters is not recommended.

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