

## Boiler Sensor SR2

Part no.1168374



The SR2, 2 electrode sensor with conduit elbow and 20 foot cable. The SR2 is used for monitoring conductivity in a boiler blowdown line.

The SR2 **cannot** be used after a sample cooler.

Body	316 SS
Electrodes	416 SS
Max Pressure	600 psi (41.4 bar)
Max Temperature	486°F (252°C)
Cable	20 ft High temp
Process thread	¾ inch MNPT
Conduit connection	¾ inch MNPT

## Boiler Sensor SR2T

Part no. 1269392



The SR2, 2 electrode sensor with conduit elbow, 20 foot cable, and ¾" cross. The SR2 is used for monitoring conductivity in a boiler blowdown line.

The SR2 **cannot** be used after a sample cooler.

Body	316 SS
Electrodes	416 SS
Max Pressure	600 psi (41.4 bar)
Max Temperature	486°F (252°C)
Cable	20 ft High temp
Process thread	¾ inch MNPT
Conduit connection	¾ inch MNPT

## Boiler Sensor SR2N

Part no. 1169993



The SR2N, 2 electrode sensor with 20 foot cable and conductivity node. The SR2N is used for monitoring conductivity in a boiler blowdown line.

The SR2N **cannot** be used after a sample cooler.

For model 2255, 2855e, and NexSys® only.

Body	316 SS
Electrodes	416 SS
Max Pressure	600 psi (41.4 bar)
Max Temperature	486°F (252°C)
Cable	20 ft High temp
Process thread	¾ inch MNPT
Conduit connection	¾ inch MNPT



## Boiler Sensor SR2HD

### Part No. 1229843

The SR2HD, 2 electrode sensor with conduit elbow and 20 foot cable. The SR2HD is used for monitoring conductivity in a boiler blowdown line where a harsh or high amine environment exists. The SR2HD **cannot** be used after a sample cooler.

Body	316 SS
Electrodes	416 SS
Max Pressure	600 psi (41.4 bar)
Max Temperature	486°F (252°C)
Cable	20 ft High temp
Process thread	¾ inch MNPT
Conduit connection	¾ inch MNPT



## Boiler Sensor SR2NHD

### Part No. 1235438

The SR2NHD, 2 electrode sensor with 20 foot cable and conductivity node. The SR2NHD is used for monitoring conductivity in a boiler blowdown line where a harsh or high amine environment exists. The SR2NHD **cannot** be used after a sample cooler. For model 2255, 2855e, and NexSys only.

Body	316 SS
Electrodes	416 SS
Max Pressure	600 psi (41.4 bar)
Max Temperature	486°F (252°C)
Cable	20 ft High temp
Process thread	¾ inch MNPT
Conduit connection	¾ inch MNPT



## Boiler Sensor SR2P

### Part No. 1169878

The SR2P, 2 electrode sensor with conductivity preamp. The SR2P is used for monitoring conductivity in a boiler blowdown line. The SR2P **cannot** be used after a sample cooler. For model 250/260-2 only.

Body	316 SS
Electrodes	416 SS
Max Pressure	600 psi (41.4 bar)
Max Temperature	486°F (252°C)
Cable	20 ft High temp
Process thread	¾ inch MNPT
Conduit connection	¾ inch MNPT



### Boiler Sensor SR4 Part No. 1168375

The SR4, 4 electrode sensor with 20 foot cable. The SR4 can be in the boiler blowdown line or with a sample cooler. The SR4 can only be used with the model 2250 AND 2250e.

Body	316 SS
Electrodes	Titanium
Max Pressure	250 psi (17.2 bar)
Max Temperature	392°F (200°C)
Cable	20 ft High temp
Process thread	¾ inch MNPT
Conduit connection	¾ inch FNPT
Temperature comp	4K NTC



### Boiler Sensor SR4N Part No. 1169994

The SR4N, 4 electrode sensor with 20 foot cable and conductivity node. The SR4N can be in the boiler blowdown line or with a sample cooler. The SR4 can only be used with the model 2255, 2855e and NexSys®.

Body	316 SS
Electrodes	Titanium
Max Pressure	250 psi (17.2 bar)
Max Temperature	392°F (200°C)
Cable	20 ft High temp
Process thread	¾ inch MNPT
Conduit connection	¾ inch FNPT
Temperature comp	4K NTC



### Boiler Sensor SR4P Part No. 1167455

The SR4P, 4 electrode sensor with 20 foot cable and conductivity preamp. The SR4P is used for monitoring conductivity in a boiler blowdown line. For model 250/260-2 only.

Body	316 SS
Electrodes	Titanium
Max Pressure	250 psi (17.2 bar)
Max Temperature	392°F (200°C)
Cable	20 ft High temp
Process thread	¾ inch MNPT
Conduit connection	¾ inch FNPT
Temperature comp	4K NTC



#### **4 Electrode Boiler Sensor (543-M-STD) Part No. 1168074**

The 4 ELECTRODE BOILER SENSOR can be in the boiler blowdown line or with a sample cooler. The Boiler Sensor 4 Electrode can only be used with the 2250 and 2250e.

Body	316 SS
Electrodes	Titanium
Max Pressure	250 psi (17.2 bar)
Max Temperature	392°F (200°C)
Cable	20 ft High temp
Process thread	¾ inch MNPT
Conduit connection	¾ inch FNPT
Temperature comp	4K NTC



#### **2 Electrode Boiler Sensor Part no.1167162**

The 2-ELECTRODE BOILER SENSOR is used for monitoring conductivity in a boiler blowdown line. The 2-electrode boiler sensor cannot be used after a sample cooler.

Body	316 SS
Electrodes	416 SS
Max Pressure	600 psi (41.4 bar)
Max Temperature	486°F (252°C)
Cable	20 ft High temp
Process thread	¾ inch MNPT
Conduit connection	¾ inch MNPT



#### **2 Electrode Harsh Duty Boiler Sensor Part no.1229841**

The 2-ELECTRODE HARSH DUTY BOILER SENSOR is used for monitoring conductivity in a boiler blowdown line where a harsh or high amine environment exists.

The 2 electrode harsh duty boiler sensor **cannot** be used after a sample cooler.

Body	316 SS
Electrodes	416 SS
Max Pressure	600 psi (41.4 bar)
Max Temperature	486°F (252°C)
Cable	20 ft High temp
Process thread	¾ inch MNPT
Conduit connection	¾ inch MNPT



### PLKT Plumbing Kit Part no.1233981

The **1/2"** PLKT plumbing kit can be used for sample / cycle and continuous sample kit. Includes unions, orifice plates, cross, tee, and a manual block valve only. The PLKT plumbing kit does not include piping.



### PL5 Part no. 1167295

The PL5 **1/2 inch** cycle sample plumbing is used as a cycle sample method in boilers. The orifice restricts flow near the boiler sensor to prevent steam flashing during a sample. The PL6 can also be used as a PL5.

#### PL575

#### Part no. 1168601

The PL575 **3/4 inch** cycle sample plumbing is used as a cycle sample method in boilers. The orifice restricts flow near the boiler sensor to prevent steam flashing during a sample. The PL675 can also be used as a PL575.



### PL6 Part no. 1167297

The PL6 **1/2 inch** continuous plumbing is used for a continuous sampling of a boiler. The lower orifice bleeds a small sample across the sensor. The upper orifice is used with the motorized ball valve and opens when the conductivity is above set point.

#### PL675

#### Part no. 1167296

The PL675 **3/4 inch** continuous plumbing is used for a continuous sampling of a boiler. The lower orifice bleeds a small sample across the sensor. The upper orifice is used with the motorized ball valve and opens when the conductivity is above set point.



**-GV w/POSITION INDICATOR**  
**Part no. 1167520**

The GV is a **1/2 inch NPT** Globe Valve with position indicator and is used for throttling or metering the flow restriction near the boiler sensor to prevent steam flashing.

**-GVN w/o POSITION INDICATOR**  
**Part no. 1269395**

The GVN is a **1/2 inch NPT** Globe Valve without a position indicator and is used for throttling or metering the flow restriction near the boiler sensor to prevent steam flashing.



**ORIFICE PLATES**

The ORIFICE PLATES for **1/2** and **3/4** inch NPT union, restrict flow near the boiler sensor to prevent steam flashing during a sample.

**FOR 1/2 INCH UNIONS**

<b>1/16 inch</b>	Part no. 1166355
<b>1/4 inch</b>	Part no. 1166356
<b>1/8 inch</b>	Part no. 1166354
<b>3/8 inch</b>	Part no. 1167972

**FOR 3/4 INCH UNIONS**

<b>1/16 inch</b>	Part no. 1168998
<b>1/4 inch</b>	Part no. 1169000
<b>1/8 inch</b>	Part no. 1168999
<b>3/8 inch</b>	Part no. 1169001



**ORIFICE UNION 1/2 INCH NPT**  
**Part no. 1167244**

The ORIFICE UNION is a specially milled union for 1/2 orifice plates.

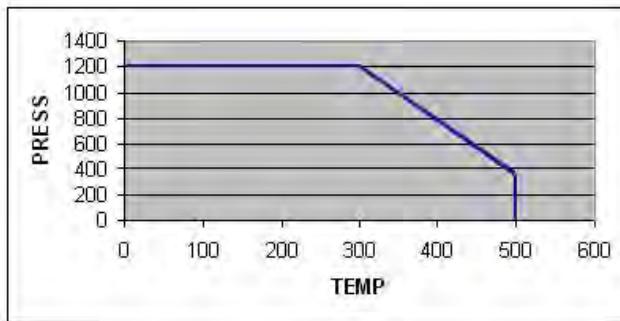
**ORIFICE UNION 3/4 INCH NPT**  
**Part no. 1167245**

The ORIFICE UNION is a specially milled union for 3/4 inch orifice plates.

**MBV1**  
**Part no. 1268608**



- Size **1/2 inch NPT**
- Body **Carbon Steel**
- Rating **400 psi (27.58 bar) @ 486°F (252°C)**
- Seals **Jamesbury XTREME®**
- Ball **316 SS**



**MBV2**  
**Part no. 1268614**



- Size **3/4 inch NPT**
- Body **Carbon Steel**
- Rating **400 psi (27.58 bar) @ 486°F (252°C)**
- Seals **Jamesbury XTREME®**
- Ball **316 SS**

