

The Oseco AMS Burst Disk Sensor has been designed to meet industry demands for a more corrosion-resistant and higher temperature sensor. This is achieved by using high alloy corrosion-resistant membranes standard 316 Stainless Steel and extra-strong cable connections. The burst disk sensor is supplied with three feet of shielded and fluoropolymer insulated cable. With Oseco's burst disk sensors, relief systems installation and maintenance costs are minimized.

Installation and Function

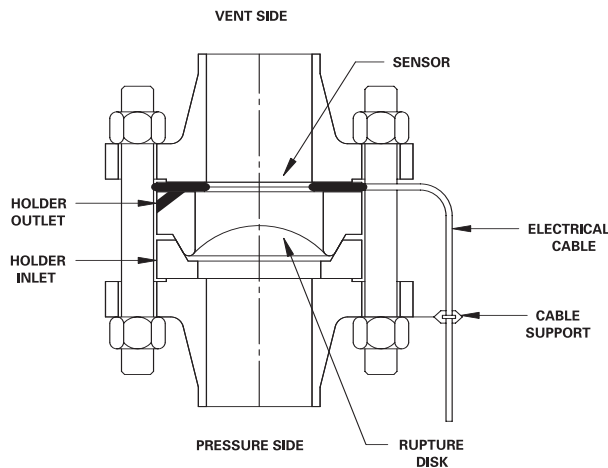
The AMS Burst Disk Sensor is installed on the vent side of the bursting disk assembly (The AMS Burst Disk Sensor is not recommended for use upstream of relief valves. Please see our SVT option.) Upon rupture of the bursting disk, the disk alarm circuit is opened by the flowing media. The open circuit can be used to activate a variety of alarms, including computer-controlled systems.

The AMS is Oseco's All-Metal Sensor to handle high temperatures and corrosive applications.



AMS Features

- Supplied ready for installation.
- Superior chemical resistance.
- All materials are asbestos-free.
- Minimum downtime due to immediate burst disk indication.
- Suitable for use with most bursting disks.
- Fast recognition of failures, which is critical for hazardous and environmentally sensitive process.
- Higher temperature capabilities.



AMS Burst Disk Sensor Specifications

Electrical Data

Max Preburst Resistance: 20 OHMS
 Max Current: 150 mA
 Temperature Range: -50° to +700° F

Materials

Gasket: Asbestos-Free Synthetic
 Membrane & Circuit: 316 Stainless Steel
 (other materials available)
 Cable: 6 ft., 24 AWG, 2 Conductors, Fluoropolymer Insulated, Shielded

Note: The Oseco AMS Burst Disk Sensor can be used with most metal or graphite disks.

Normal Size	1	1.5	2	3	4	6	8	10	12	14	16	18	20	24
Sensor Tk. (in.)	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	3/16	3/16	3/16	3/16	3/16
Min. Psig.	5	5	5	3	2	1	1	1	1	1	3/4	3/4	3/4	3/4