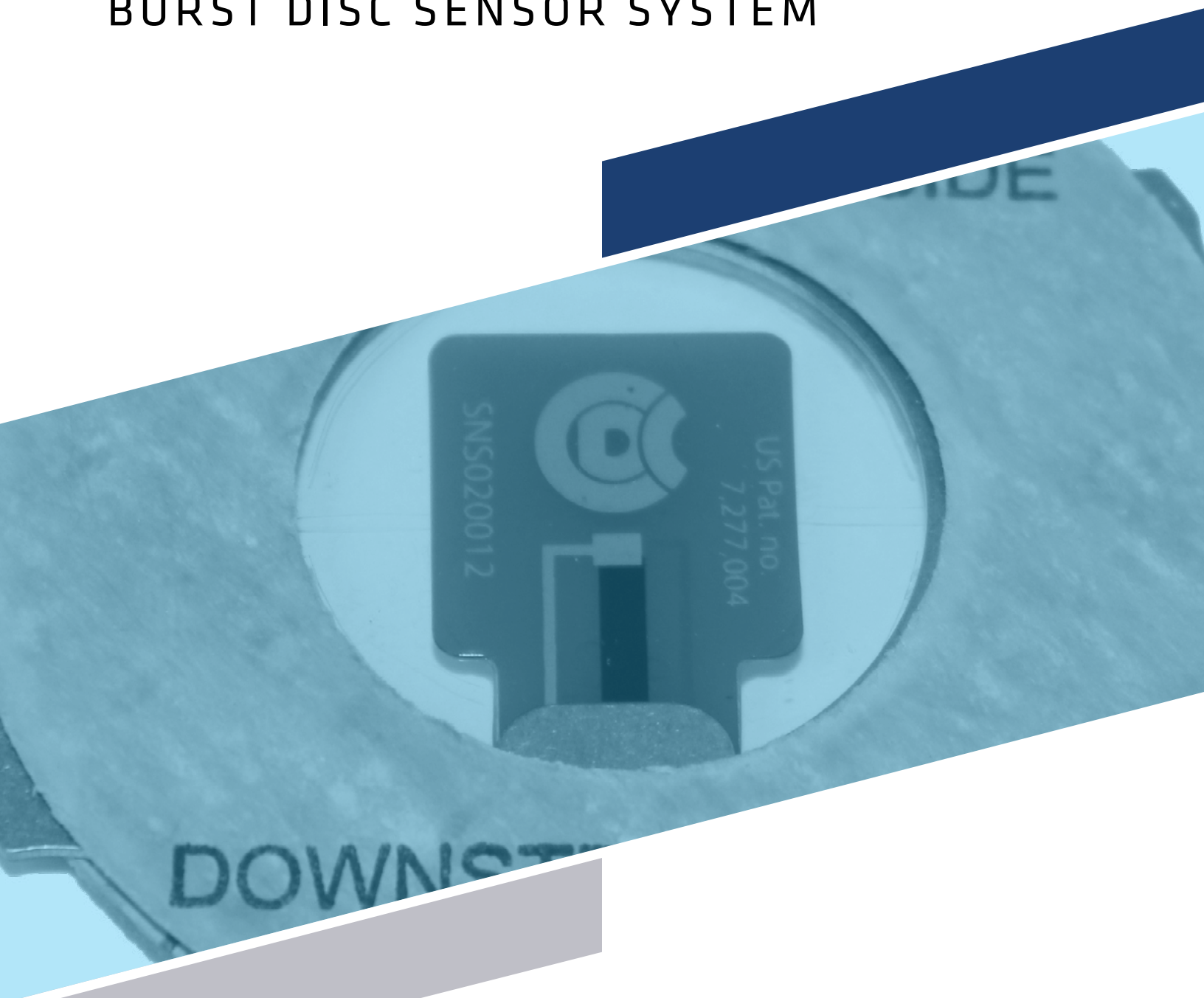




Continental Disc[®]
Corporation

BDI-FLX[™]

BURST DISC SENSOR SYSTEM



MENTO
VALVES & ACCESSORIES



BDI-FLX™

The BDI-FLX Burst Disc Sensor System provides instantaneous notification of a burst rupture disc. When combined with an alarm monitor, This system protects lives, equipment, the environment and process media. It can be used with customers monitoring systems or with an alarm monitor provided by Continental Disc Corporation.

Designed for use with ASME and DIN flanges or sanitary applications, the BDI-FLX employs a sensor strip with a flexible potentiometer (an electrical component that varies resistance in response to deflection) to signal a burst disc.

The BDI-FLX Burst Disc Sensor System maintains a continuous signal with an alarm monitor. If the disc bursts, the BDI-FLX Sensor System notifies the alarm monitor by opening the electrical circuit.

Technical Details

- Nominal Size Range: 1" – 12" (25 mm – 300 mm)
- Disc Compatibility: HPX®, HPX-Ta®, LOTRX®, MICRO X®, Composite, Standard, SANITRX HPX®, SANITRX HPX® II, SANITRX LPX™ (2"-3" only)
- Seating Configuration: Sanitary FS, Sanitary IS or between Industrial Flanges (ASME or DIN)
- Service: Liquid or gas

Features

- The BDI-FLX Sensor System can adapt to a variety of warning devices. Control panels, annunciators, light panels or other signaling devices can be used to warn of a ruptured disc
- The BDI-FLX Sensor System can also notify of overpressure situations when paired with pumps, valves and other systems
- If the BDI-FLX Sensor System loses power or is damaged, it defaults to an open circuit

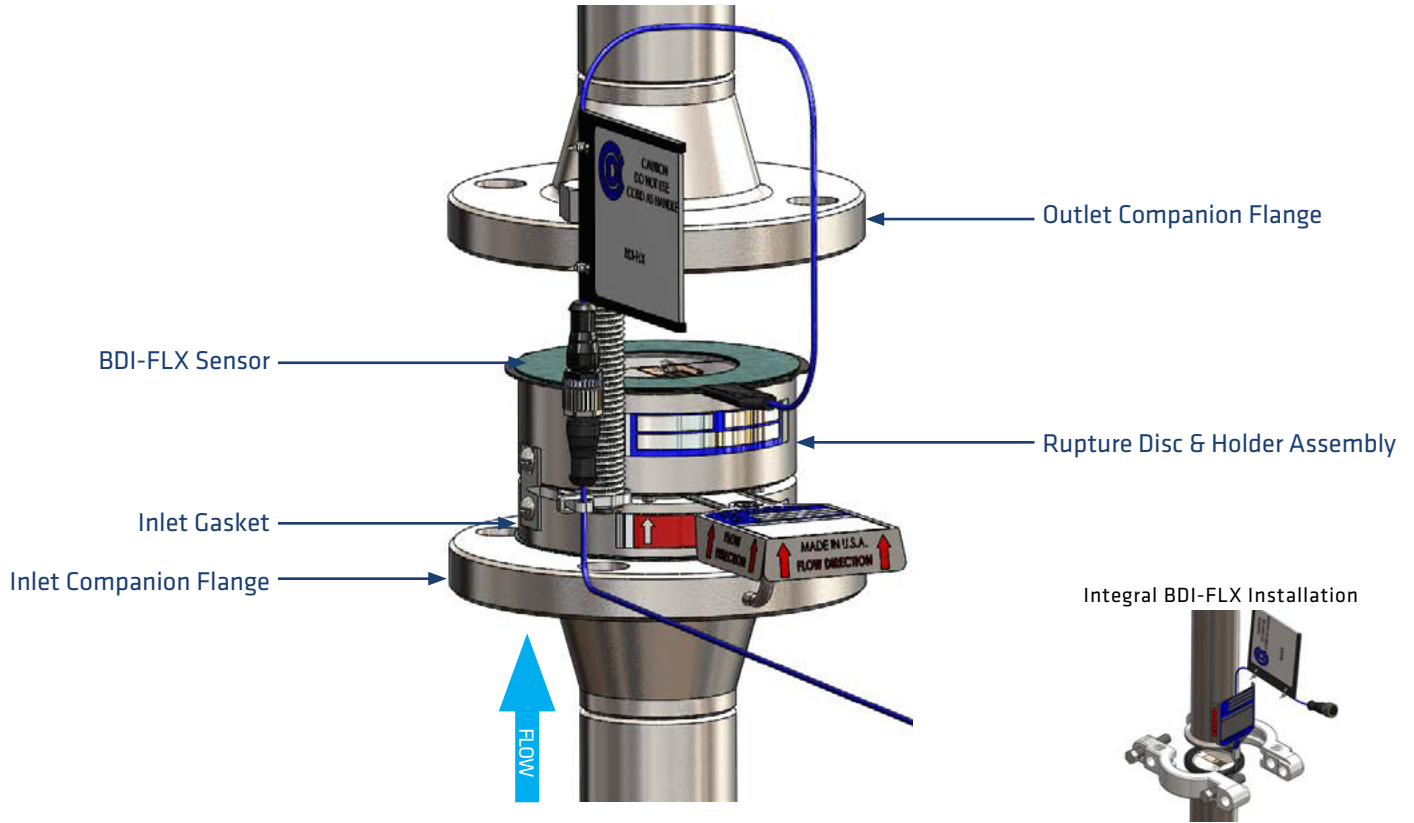
Options

- Available with non-asbestos or fiber reinforced fluoropolymer gaskets

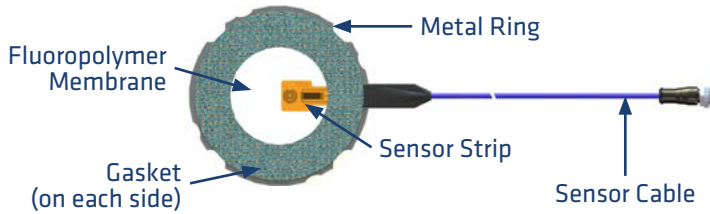


BDI-FLX™ COMPONENTS

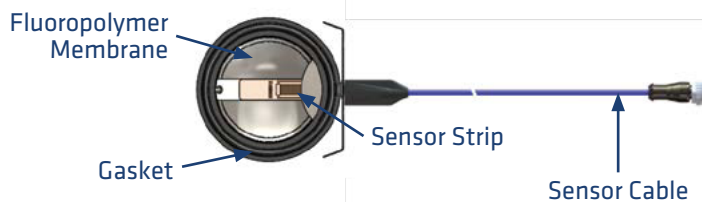
Installation of the BDI-FLX Burst Disc Sensor System



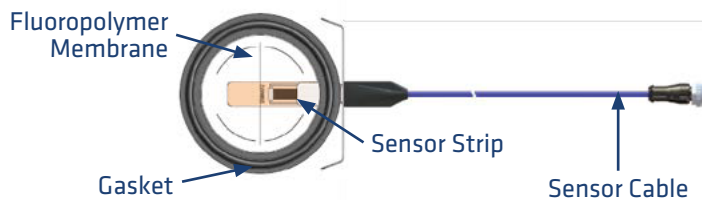
BDI-FLX Sensor



Integral BDI-FLX Sensor



Sanitary BDI-FLX Sensor



Interface Cable

