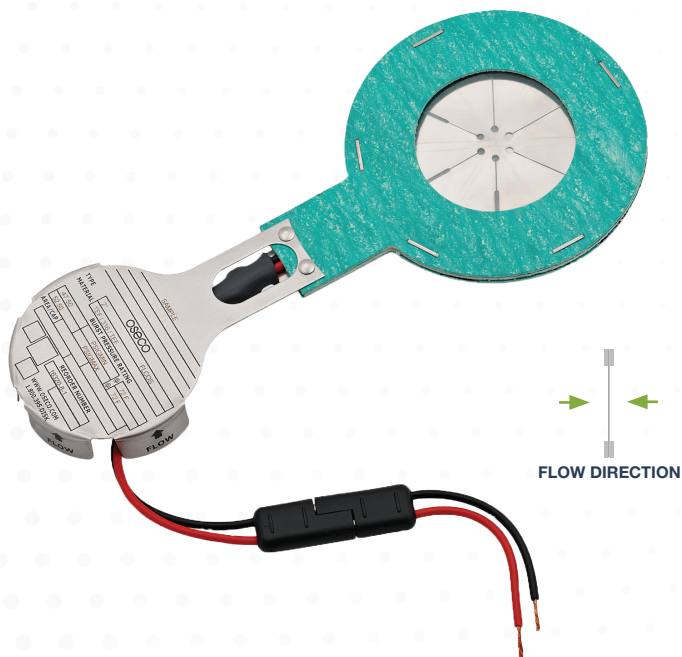


FLCOS

FLAT LOW-PRESSURE COMPOSITE DISC WITH SENSOR

Combines overpressure protection and burst detection in a single, holderless device



The uni-body construction of the FLCOS makes this device the most rugged and dependable disc+sensor combination on the market, and eliminates the need for a separate disc and sensor.

The FLCOS fits between standard 150# ANSI RF flanges with no need for a holder. As a flat, bi-directional device with the same burst pressure in either direction, it cannot be installed incorrectly.

The FLCOS is suggested for low-pressure applications where the normal operating pressure does not exceed 50% of the rated burst pressure.

Eliminate installation errors

Low pressure

High temperature

Non-torque sensitive

Suitable for relief valve discharge isolation

Disc available without sensor (FLCO)

Disc available with vacuum support (FLCOV)

**Let us help you with all
your pressure relief questions.**

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**REQUEST A QUOTE FOR
THE FLCOS DEVICE**



TECHNICAL SPECIFICATIONS



Standard materials	<ul style="list-style-type: none">• 316 Stainless Steel centre membrane simultaneously controls the burst pressure and forms the sensor circuit.• Fluoropolymer liners on both sides• Klingersil C-4401 ring gaskets on both sides as standard• Teflon
Cable	6ft with PVC connector provided
Maximum voltage	24V AC/DC
Maximum current	150 mA
Max. pre-burst resistance	3 Ohms
Max. Operating Ratio	50%
Performance Tolerance	+/-5%
Torque requirements	Non-torque sensitive
Protective Linings	Fluoropolymer linings on both sides form a corrosion-resistant and anti-stick barrier
Relief Valve Isolation	Suitable for relief valve discharge isolation
Temperature range	High temperature rating enabled by the fluoropolymer and gasket materials

Burst Tolerance

+/-5% 40 psig and above
+/-2 psig 3 psig up to 40 psig
+2, -0 psig below 3 psig

Related Products

Rupture Discs
FLCO