

To whom it may concern

VK-K

20.11.2014

**SAFETY INFORMATION
FOR THE USE OF SUCO PRESSURE SWITCHES WITH OXYGEN**

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Oxygen applications do require careful use and attention.

For the use with the media Oxygen, EPDM out of our diaphragm selection is suitable. For this type of EPDM, the federal Institute for material testing of Germany (BAM) has confirmed the resistance to internal ignition under oxygen pressure pulsation with their test report 8085/93.

Pressure switches in zinc-plated steel bodies are approved to a maximum oxygen system pressure of 10bar.

Pressure switches in brass bodies are approved to a maximum oxygen system pressure of 35bar.

Pressure switches in stainless steel bodies are approved to a maximum oxygen system pressure of 50bar.

Attention: For the use with oxygen, the applicable local and international laws and directives must be respected (e.g. in Germany regulations for the prevention of industrial accidents DGUV 500, chapter 2.32 and BGI 617)

With best regards

SUCO Robert Scheuffele GmbH & Co. KG



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