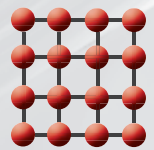


PLASMA CLEANING

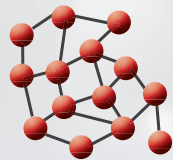
What is plasma?

The 4th physical state

solid



liquid



gaseous



plasma



Reactive gas from free, high-energetic electrons, ions and neutrons



Low pressure plasma = non-thermal plasma in vacuum range

CONTACT

We are looking forward to your inquiry



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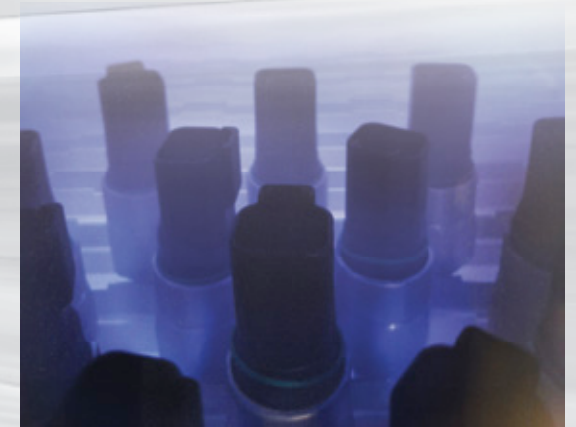
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PLASMA CLEANING

of the surfaces of pressure switches and transmitters



- ✓ removal of hydrocarbon-based substances from the surface due to low pressure plasma cleaning
- ✓ suitable for oxygen applications (e.g. medical technology)
- ✓ optimal conditions for coating / painting (PWIS-free)
- ✓ extremely high purity grade

SUCO PURITY LEVELS

✓ PRODUCT PURITY

Amount of hydrocarbon-based compounds is not more than 20 mg/m² (acc. to ASTM G93-3)

✓ SECURITY

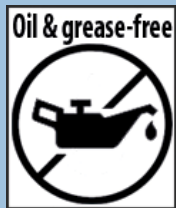
Tested burnout resistance of EPDM seals by the Federal Institute for Materials Testing (BAM Germany)

✓ EFFICIENCY

Regular verification by DAkkS-accredited institute (National accreditation body)

LEVEL 1

Free of oil and grease ¹⁾



- ✓ oil- and grease free components
- ✓ oil- and grease-free mounting



Plasma cleaning for oxygen applications et al. ²⁾



- ✓ removal of all hydrocarbon-based substances
- ✓ welded unit packaging with special marking



for Pressure switches and Pressure transmitters

LEVEL 2

LEVEL 3

Plasma cleaning for PWIS-free surfaces



- ✓ removal of all paint-wetting impairment substances
- ✓ welded unit packaging with special marking

²⁾ EPDM seals are recommended for oxygen applications. The maximum allowable pressure depends on the housing material.

¹⁾ Not recommended for oxygen applications



Purity level / Process time

