

Service instructions for gauge pressure sensors

1 Service limitations

1.1 Pressure media: nitrogen, oxygen, carbon dioxide, water, sea water and its vapors; petrol, toluene, phenol, formaldehyde and their mixtures; organic and inorganic oils.

1.2 Pressure medium shouldn't contain any impurities caused corrosion of the sensors parts.

1.3 Wetted part is made of titanium alloy with 87% of titanium.

1.4 The recommended materials contacting to the mating parts are titanium or aluminum and their alloys, including oxidized.

1.5 There could be a hydraulic shock at the overpressure caused by a very fast speed change of the liquid flow in the pipe line. To avoid the hydraulic shock during the usage of pressure sensors it is recommended to make some shock protector in the pipe line.

1.6 It is allowed to hold only sensors body during the mounting and tests.