

Directions for use of EHEDG-certificated process connections

1 Introduction

This document specifies requirements for usage of EHEDG-certified process connections.

2 Installation

For process connections with EHEDG-certificate dead zones are minimized by design.

Please take care that the counterpart of the process connection (on the side of the process) also meets all requirements for the process connections. The dead leg (L) of the process connection shall be shorter than the diameter (D) of the process connection. For thermometers, the dead leg (L) shall be shorter than the diameter (D) of the process connection minus the diameter (d) of the temperature detecting element or thermowell ($L < (D-d)$).

Take care that complete self-draining is assured. Dead spaces should be minimized and entrapped air should be avoided.

3 Gaskets

Gaskets for EHEDG-certified process connections have to meet the specifications of the EHEDG document for process connections ("EHEDG position paper – Easy cleanable Pipe couplings and Process connections", <https://www.ehedg.org/guidelines/free-documents/>).

After each disassembly, check the gaskets for damage or wear. If necessary, use new gaskets for reassembly.

4 Durability of material

All wetted materials of the process connection as well as the applied gaskets must be durable under process and cleaning conditions.

5 Recommendations for cleaning

The systems are suitable for CIP-cleaning.

The temperature range specified in the data sheet or the EX-instruction should not be exceeded. In case no explosive atmosphere or dust is present during cleaning, please refer to the temperature range given in the data sheet.