

In-line chemical seals for hygienic processes



benefits

- for dairy fitting DIN 11851
- no T piece required in pipe
- easy, fast installation in pipe

Application

For use with Bourdon tube pressure gauges, pressure transducers or pressure switches. For flowing, corrosive and highly viscous media; designed for direct installation in pipes. Typical application areas:

Biochemical applications
Food and luxury food industry
Beverages industry
Pharmaceutical industry

Technical Specifications

Process connection/tubus

Stainless steel 316 L
Threaded socket SMS 1147

diaphragm

Stainless steel 316 L, welded to body, no dead space

Instrument connection

Stainless steel 316 L
Welded connection

pressure transmission liquid

Paraffin oil (FM 09), FDA-listed

pressure range

see overview of versions

Options

- Cooling element (> 100 °C)
- Capillary tube

Versions

Process connection	Nominal diameter	Instrument connection	Nominal pressure	minimum range* (in bar) at nominal size					Part no.
				63	100	160	DMU		
Threaded socket SMS 1147	DN 1"	Welded connection	PN 40	1.6 bar	2.5 bar		1.6 bar	●	31371W
Threaded socket SMS 1147	DN 1½"	Welded connection	PN 40	1.6 bar	2.5 bar	4 bar	1.6 bar	●	31372W
Threaded socket SMS 1147	DN 2"	Welded connection	PN 40	1 bar	1.6 bar	2.5 bar	1.6 bar	●	31373W
Threaded socket SMS 1147	DN 2½"	Welded connection	PN 40	1 bar	1.6 bar	2.5 bar	1.6 bar	●	31374W
Threaded socket SMS 1147	DN 3"	Welded connection	PN 40	1 bar	1.6 bar	1.6 bar	1.6 bar	●	31375W

● in-stock items

● Non-stock items