



In-line chemical seal RD 51 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

Versions

Threaded socket SMS 1147

	Process con- nection	Instrument connection	Nominal pres- sure	Minimum range* (in bar) at nominal size				Part no.
				63	100	160	DMU	
	DN 1"	Welded connec- tion	PN 40	1.6 bar	2.5 bar	—	1.6 bar	31371W
	DN 1½"	Welded connec- tion	PN 40	1.6 bar	2.5 bar	4 bar	1.6 bar	31372W
	DN 2"	Welded connec- tion	PN 40	1 bar	1.6 bar	2.5 bar	1.6 bar	31373W
	DN 2½"	Welded connec- tion	PN 40	1 bar	1.6 bar	2.5 bar	1.6 bar	31374W
	DN 3"	Welded connec- tion	PN 40	1 bar	1.6 bar	1.6 bar	1.6 bar	31375W

Blue part no. = in-stock items



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

Nominal pressure

PN 40

Options

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