

FLUSHING TYPE DIAPHRAGM SEAL

DT131-M / DT131-P

DT131 diaphragm seal is designed to be used in highly viscous process media such as pulp, paper, waste treatment, and plastic/chemical process industries. DT131 is easy to assemble with pressure gauges, pressure switches, and pressure instruments. It is available with a flushing hole to clean the media which may clog membrane and process connection.

Technical Data

- Instrument Connection:** female thread 1/4" to 1/2" NPT or BSP
- Membrane Size:** ø75mm
- Process Connection:** 1/2" NPT or BSP female
- Temperature Limited:** -40~+150°C cooling element or capillary line up to 350°C
- Pressure Range Limited:**
 - DT131-M: -760mmHg~0, maximum up to 40kg/cm²;
 - DT131-P: maximum up to 10kg/cm²
- Upper Housing Material:** SS316 (standard)
- Lower Housing Material:** -DT131-M: SS316, or other on request
-DT131-P: PVC, PP, PVDF, Teflon available
- Membrane Material:** -DT131-M: SS316L (standard); Hastelloy C276, Tantalum on request
-DT131-P: SS316L+Teflon lining (standard)



DT131-M (metal)



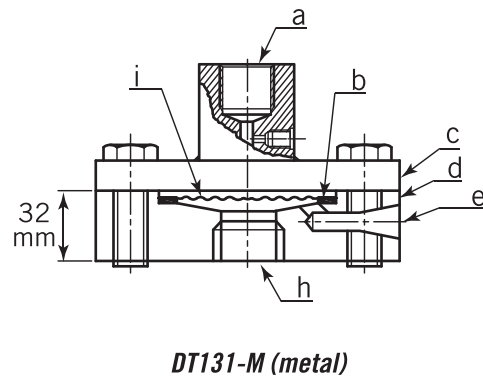
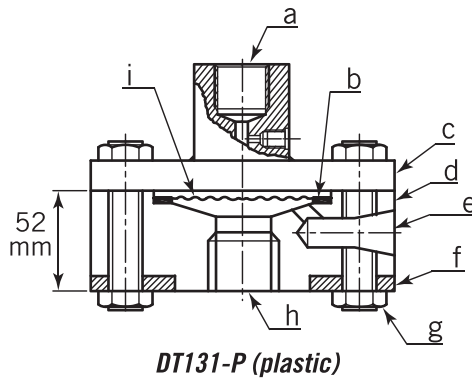
DT131-P (plastic)

Approvals:



Dimensions

Item	Description of Parts
a	Instrument connection
b	Gasket, PTFE
c	Upper housing
d	Lower housing
e	Flushing ring
f	Plate, SS316
g	Screw bolt, SS316
h	Process connection
i	Membrane



Ordering Information

DT131	Code	Type		Code	Flusing Connection (part e)			
		M	P		A	B	O	
		metal type	plastic type		1/2" NPT (standard)	1/4" NPT		Option
		Code Instrument Connection (Female)			Code Upper Housing Material			
		(A) 1/4" BSP (B) 1/4" NPT (C) 3/8" BSP			S SS316			
		(D) 3/8" NPT (E) 1/2" BSP (F) 1/2" NPT			Code Lower Housing Material			
		Code Membrane Size			M (1) SS316, standard (2) option			
		1 ø75mm			P (1) PVC (2) PP (3) PVDF (4) Teflon			
		Code Process Connection			Code Membrane Material			
		(1) 1/2" (standard) (0) option			M (1) SS316L (2) Hastelloy C276 (3) Tantalum			
		Code Thread Type (female)			P (1) SS316L+Teflon lining			
		(1) NPT (2) BSP (0) option						
DT131								Complete ordering code