

## Hose switch

### type SLS... for suction conveying and type SLG... with blower unloading function

**Minimum  
directional  
change of  
product**

**Streamlined  
design**

**Prevents  
product  
deposits**

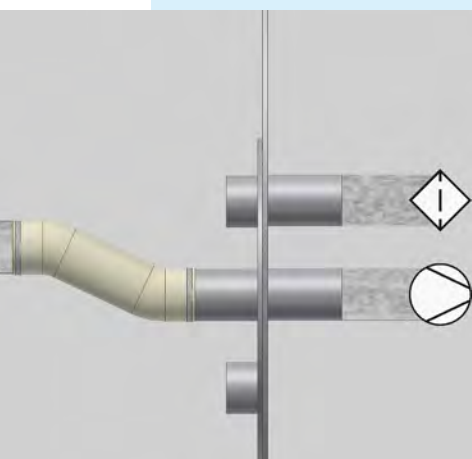
#### Preferred applications

AZO hose switch was developed for use in vacuum conveying systems. Due to their design standard diverter valves with rotary elements cause a directional change of the delivery flow, resulting in a larger pressure drop. With the AZO hose switch a solution has been developed that makes it possible to achieve minimum directional change of product.

#### Special advantages

- Streamlined, smooth passage with minimum directional change of product
- Particularly advantageous for fatty products
- Prevents the formation of deposits of heat-sensitive products

## THE INNOVATION



#### How it works

##### Hose switch SLS ...

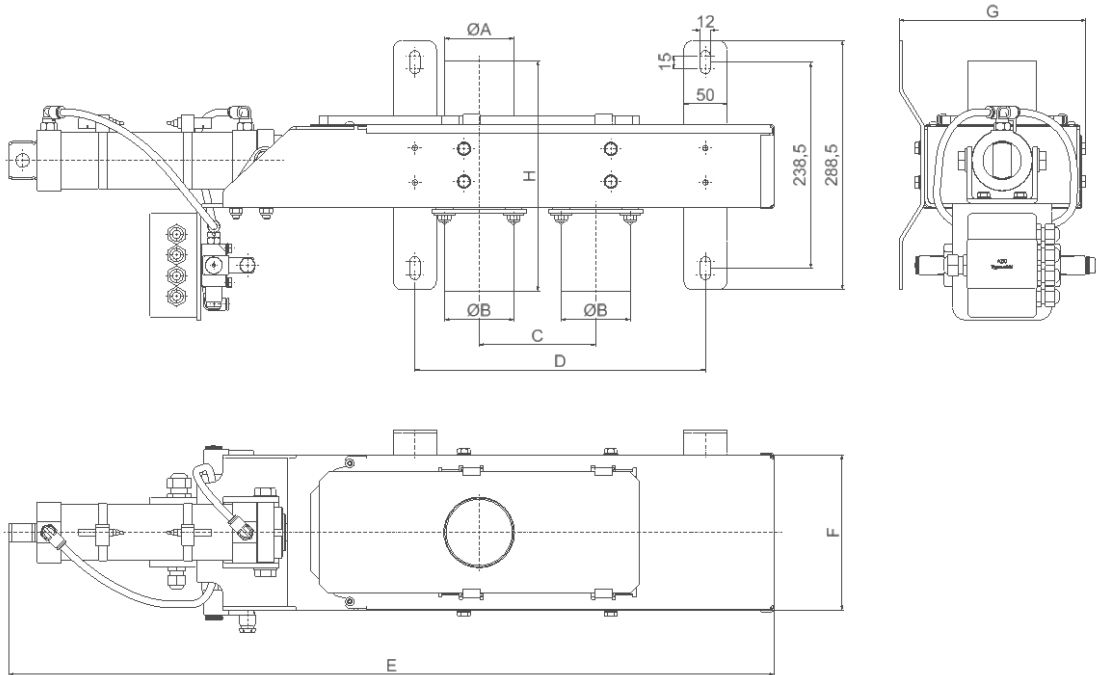
Hose switches are used to control product flow in conveying systems. Depending on the delivery direction, it is possible to direct product coming from two lines into one delivery line or vice versa. The non-connected line is sealed off tight. The pipe must be emptied prior to changeover.

##### Hose switch SLG ...

To interrupt product delivery, blower unloading valves allow a blower connected to a fixed connector to continue operating by simply switching the gates. The blower can then draw in air through an opening in the slide and through air slots in the housing.

At the same time, the other line is switched such that the lines of the conveying systems are vented via a filter.

## Technical data



Type SLS / SLG	ØA	ØB (DN)	C	D	~E	F	~G	H
50	50	50	100	260	712	150	186	237
65	65	65	120	294	764	165	201	267
80	80	80	135	337	886	180	216	267
100	100	100	155	475	986	200	236	297
128	125	128	195	550	1220	237	274	325
150	150	154	195	550	1217	258	294	320

### Hose switch:

Nominal diameter in mm:  
Ambient temperature:  
Product temperature:

### SLS... in suction mode SLG... with blower unloading function

50, 65, 80, 100, 128  
0 °C to +40 °C  
+5 °C to +80 °C

### Compressed air for changeover

Compressed air quality  
conforming to ISO 8573-1: 2001: Class 3  
Connection: Hose Ø 8x6 mm, external tolerance  
System supply pressure: min. 4 bar to max. 8 bar  
Compressed air consumption:  
DN 50 0.7 dm<sup>3</sup>/stroke  
DN 65 1.2 dm<sup>3</sup>/stroke  
DN 80 2.9 dm<sup>3</sup>/stroke  
DN 100 2.9 dm<sup>3</sup>/stroke  
DN 128 6.2 dm<sup>3</sup>/stroke  
DN 150 5.9 dm<sup>3</sup>/stroke