



Diaphragm Switch B314a Technical Information:

Applicability:

Universal, also for liquids at maximum pressure of 1 bar

Housing:

Alu pressure casting AlSi

Installation types:

- Mounting to the silo wall
- Loose mounting inside the silo (Part Number 800303/ IP65 required)
Therefore following arrangements are required:
 - Sealing of the pressure equalization drill hole, which has a M3-Thread
 - Diaphragm mounting ring (accessories) mounted for sealing the housing
 - Pressure equalization and cable insertion is performed by an on-site supplied PG16

Diaphragm:

EPDM, food safe, 120mm Ø

Responsivity:

adjustable approx. 50 – 250 gram central,
respectively approx. 15 – 80 mm WS pressure onto the diaphragm

Flooding consistency:

max. 1kg/cm²

Environmental Temperature:

-15 °C to 100°C

Micro Switch:

1 switch interface

Switching Power:

230VAC 3A, 24VAC 5A, 24VDC 2A; max. 250VAC, max. 10A

Weight:

approx. 1.05 kg

Specialized types:

B314aF fruit acid resistant/Part Number 800302