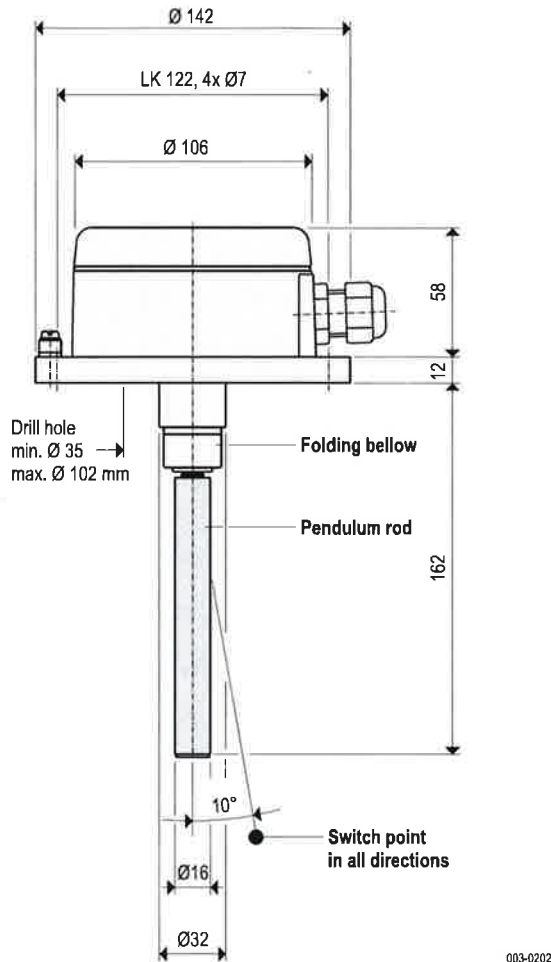


Appliance information

for potentially dust explosive atmospheres

Dimensions



Use

The pendulum switch is a universal monitoring device for bulk solids in motion with versatile capabilities. It can be used as robust limit switch, as counter for sacks on conveyor belts, as jam detector in delivery pipes, at the final point of a pneumatic conveying system, as safety switch in conveying screws and elevators or for monitoring the loading height on conveying belts.

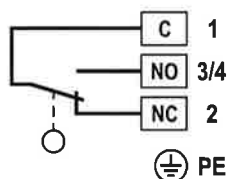
Mode of operation

As soon as the pendulum rod is moved in any direction out of the basic position, the switch detects this movement and gives a signal.

Technical data

Materials	Housing	GAL, RAL7001 coated
	Folding bellow	NBR, black
	Pendulum rod	NBR, black with aluminium core
Bulk goods temperature	T_s	-25 °C ... +80 °C
Ambient temperature	T_a	-20 °C ... +70 °C
Signal contact	Contact	change-over contact, potential free
	Capacity of the contact	4 A / 250 V AC
	Switching voltage	24 V...250 V AC or 12 V...125 V DC
Response delay		none
Overpressure safety		up to 0.5 bar
Cable entry		Gland M20x1.5
Type of protection	IP	IP66 acc. to DIN EN 60529
Weight		1.2 kg
Maintenance		none
Mounting position		any

Electrical connection



ATEX option

B1



II 1/2D Ex ta/tb IIIC T 80 °C

Subject to modification