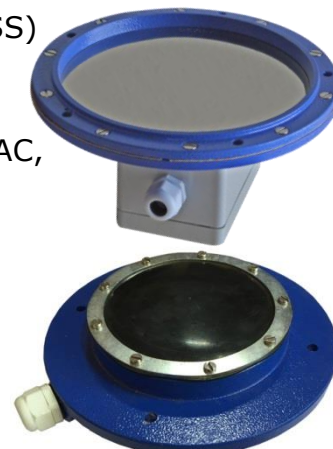




BOOT DIAPHRAGM LEVEL SWITCH FOR SOLID :

SPECIFICATIONS:

Normal sensitivity	: 200 gm (Rubber) / 400 gm (SS)
Diaphragm Membrane material	: Nitrial Rubber or, SS
Ambient temperature	: 60° C
Electrical contacts	: Micro switch, 15 Amp, 230 V AC, Potential free
Cable Gland	: PG 11
Main body	: Cast Aluminum
Switching Housing	: Polymer for SS type
Protection for switching housing	: IP 67



APPLICATION:

The BOOT type level switch is used for indicating, controlling, and regulating the level of granulated or powdered dry materials with a grain diameter up to 30 mm and a density of 0.3 to 2.5 g/cm³, flowing through a silo, hopper or chute.

OPERATION:

The device must be mounted so that the diaphragm membrane is exposed to the product whose level should be controlled, in such a way that the product can press the diaphragm. The material weight presses the diaphragm which is adjusted with the micro switch through a flexible mechanism. A liver attached to the diaphragm transfers the pressure to the micro switch which changes the contact. When the material recedes the diaphragm comes back to its normal position and the micro switch again changes the contact.

FEATURES:

The BOOT Level Switch consists of a micro switch inside the housing, covered by a flexible Diaphragm.

INSTALLATION AND MOUNTING:

The BOOT Level Switch can be installed outside the container by making a hole on the wall, so that the membrane remains exposed to the product inside. Suspended by means of a tube, it can be also installed inside the container. Using adaptors. Wherever possible level switch should be mounted on vertical surfaces. By this means, the product can flow free downwards, and wrong indications are avoided. It can be mounted on surfaces with a slope of not more than 30 degrees from vertical, provided that the product l eaves the diaphragm membrane completely.

If maximum levels are to be controlled, the devices must be mounted at such a height that the product overflowing the membrane can exert pressure on this membrane, working the micro switch.

Authorised Dealer



NK Instruments Pvt. Ltd.

B-501/504, 5th floor, Raunak Arcade, Near THC Hospital, Gokhale Road, Naupada,
Thane(W) 400602. Maharashtra INDIA Telefax Nos.: 91-22-25301330 / 31 / 32
E-Mail: sales@nkinstruments.com Web: <http://www.nkinstruments.com>
Skype: nitinkelkarskype Gtalk: nkinstruments2006

