



Membrane Type Level Switches

Features :

The instrument consists of a microswitch inside a cast aluminium box, covered by a flexible membrane of neoprene or silicon rubber.

Operation :

The device must be mounted so that the flexible membrane is exposed to the product whose level should be controlled in such a way that the product, if present, can press the membrane. When this membrane becomes covered up by the product, it moves under the product pressure, thereby working the microswitch. The device must be connected to control signal or to mechanisms driving the product transportation systems, like feeding, unloading ,etc.



Application :

Switch has a buoyancy which guarantees smooth, trouble-free operation under all conditions. The switch has double chamber and a final remoulding finish to make it absolutely hermetic.

Installation :

MAHALAXMI MODEL DLS-AL-ND (with neoprene diaphragm) or DLS-AL-SD (with silicon rubber diaphragm) level switch is used for indicating, controlling, and regulating the level of granulated or powdered dry materials with a grain diameter up to 30mm and a density of 0.3 to 2.5 g/cm³, flowing through a silo, hopper or conduit.

Follower Type :

Normal sensitivity	: 40-45gm
Membrane material	: Neoprene / Silicon
Max.Working Temperature	: -20 deg C to +80 deg C
Microswitch contacts	: 15A, 250v, cos=1
Max.cable size to be connected	: 2.5mm ²
Cable gland	: PG 11/PG 7 (standard)
Housing	: LM6-CAST ALUMINIUM
Weather protection	: Ip53
Weight	: 1.2kg (Approx)

