



Diaphragm Switch

A diaphragm—or pressure—switch works by activating a sensitive micro-switch when material reaches the level of the switch in the bin. It sends an alert that can be used to start or stop a process or alert to a high, medium or low-level in the vessel. Commonly used in grain, feed, seed or other granular material, BinMaster diaphragm switches are offered for either internal or external mounting can can be wired to a light, horn, alarm, or BinMaster point level alarm panel to indicate an alert status.

Description	Part No.
GENERAL PURPOSE NON-HAZARDOUS LOCATIONS	
BM 45 R - Diaphragm switch with standard .016" thick, black neoprene diaphragm, internally mounted	730-0004
BM 45 F - Diaphragm switch with standard .016" thick black neoprene diaphragm, externally mounted	730-0001
BM 45 RH - Diaphragm switch with heavy duty .031" thick, black neoprene diaphragm, internally mounted	730-0005
BM 45 FH - Diaphragm switch with heavy duty .031" thick, black neoprene diaphragm, externally mounted	730-0002
BM 45 RHT - Diaphragm switch with heavy duty .031" thick, grey silicone diaphragm, internally mounted	730-0006
BM 45 FHT - Diaphragm switch with heavy duty .031" thick, grey silicone diaphragm, externally mounted	730-0003
HAZARDOUS LOCATIONS	
All BM 65 diaphragm switches are U/L and CSA listed for Class II, Groups e, F & G	
BM 65 R - Diaphragm switch for hazardous locations with standard .016" thick, black neoprene diaphragm, internally mounted	730-0099
BM 65 F - Diaphragm switch for hazardous locations with standard .016" thick, black neoprene diaphragm, externally mounted	730-0096
BM 65 RH - Diaphragm switch for hazardous locations with .020" Thick, black neoprene with nylon mesh diaphragm, internally mounted	730-0255
BM 65 FH - Diaphragm switch for hazardous locations with .020" Thick, black neoprene with nylon mesh diaphragm, externally mounted	730-0254
BM 65 RHT - Diaphragm switch for hazardous locations with heavy duty .031" thick, grey silicone diaphragm, internally mounted	730-0101
BM 65 RHPC - Plugged chute detection with 0.020" thick, black neoprene with mesh diaphragm and heavy duty switch spring, internally mounted	730-0675
BM 65 FHT - Diaphragm switch for hazardous locations with heavy duty .031" thick, grey silicone diaphragm, externally mounted	730-0098
BM 65 FHS - Diaphragm switch for hazardous locations with .020" Thick, black neoprene with nylon mesh diaphragm, externally mounted, stainless steel mounting plate	730-0473
BM 65 FHPC - Plugged chute detection with 0.020" thick, black neoprene with mesh diaphragm and heavy duty switch spring, externally mounted	730-0676
BM 65 DRHT - Diaphragm switch with heavy duty .031" thick, black neoprene diaphragm, internally mounted with DPDT contact	730-0511
BM 65 DFHT - Diaphragm switch with heavy duty .031" thick, black neoprene diaphragm, externally mounted with DPDT contact	730-0512