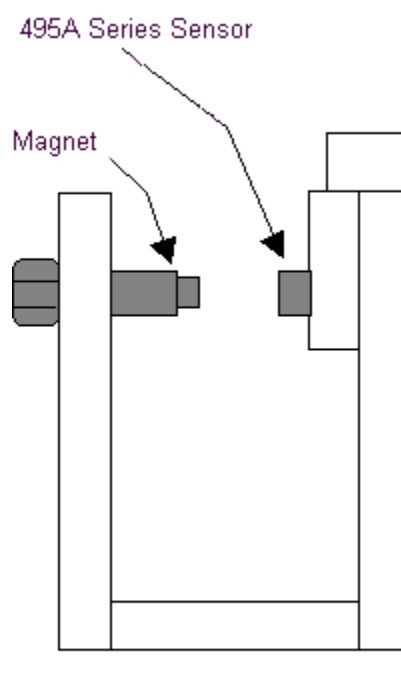


Weighing Equipment - Fill Level



PRODUCT

495A Series MRL Hall Effect sensor
and magnet

APPLICATION DESCRIPTION

The Miniature Ratiometric Linear Hall effect sensor monitors the displacement of a vibratory bulk feeder that meters dry bulk material into boxes. Frequency is known but changes in the weight (density) of material can vary the distance that the table moves. The MRL senses the distance that the table moves during the cycle and turns the feeder on and off. The magnet is mounted on a flexible member. The flexing is proportional to the table movement, which depends on the density of the material being metered.