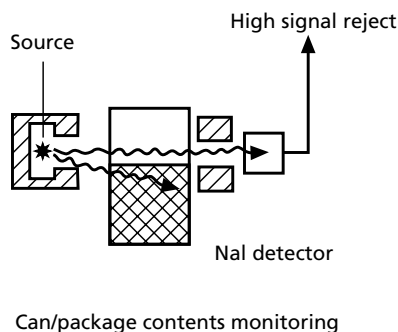
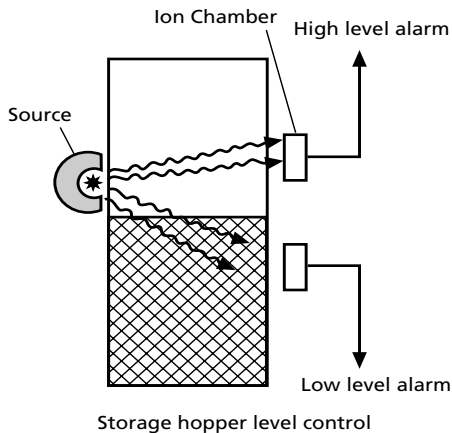


Level gauging

Gamma switching technique

The transmission of gamma radiation through a container is affected by the level contents. The intensity of the transmitted radiation is measured and used to activate switches when pre-set intensity levels are reached.

Geometry



Applications

Storage hopper level control

- Switch can be used to operate high level and low level alarms or pump switch control.

Nuclide	See page
Cesium-137	B10
Cobalt-60	B19

Activity according to dimensions of container and wall thickness

Can/Package

contents monitoring

- Switch can be used to operate reject control

Nuclide	Activity	See page
Americium-241	100mCi 3·7GBq	B1

for up to 10cm of low atomic number material.