

16. Level switch for emptiness detection during pipe fitting

To detect if there is liquid or not at the time of pipe fitting, use the electrode type level switch to detect liquid or powders without obstructing the flow.

Measuring principles

Install two half-cylinder form electrodes outside of the plastic pipe which is touched by liquid.

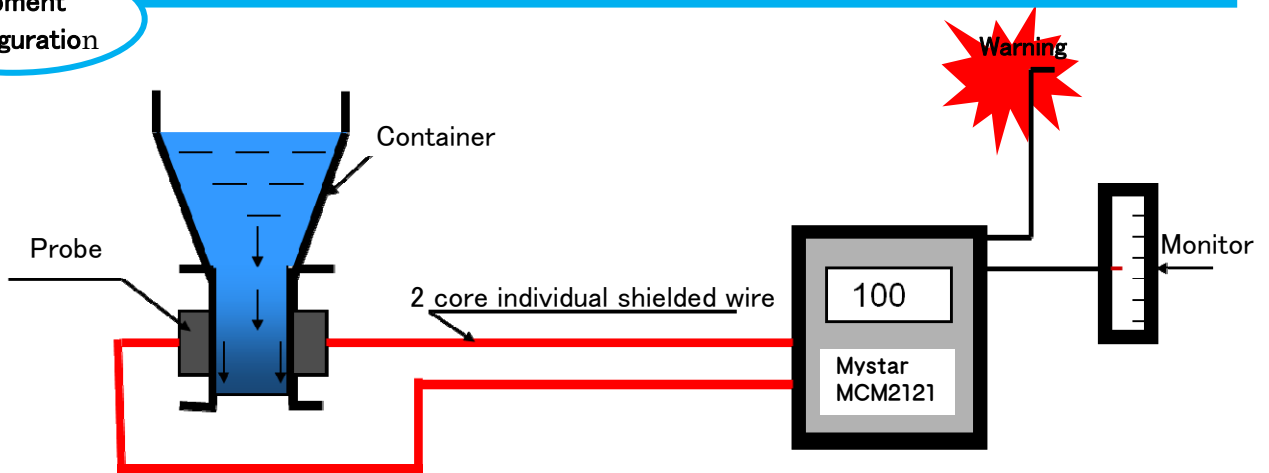
Measure a small current flowing between those electrodes.

Comparing the current when liquid is full with the current when it's empty, indicates if the liquid is there.

That is Myster MCM2121 series.

Uses Myster MCM2121 series combined with a probe manufactured specially for the specific liquid property.

Equipment configuration



How to use

Probe

The container will be designed to have a structure which is efficient to detect the desired object and its pipe diameter. Sanitary structure probe or probe designed for high-pressure are also available.

Employed cable

Uses 2 core shielded wire or dedicated cable.

Converter

Use Myster MCM2121 or Myster MYM3100 series when with analog signals only.

Contour drawing of probe (30494 type)

