Level Conductivity Probe

Type LCP

Application.
The Benney conductivity probe is ideal for use where level switching is critical in preventing vessel overflow and dry pump situations in conductive materials. Using the vessel as ground and the probe as positive, a closed circuit is achieved when the process medium makes contact with the probe. When the process medium falls below the probe tip an open circuit is created. As an alternative to using the tank as ground, a multi-level probe can be used.

Various electrical controllers and process connections are available.

Terminal Housing.
Probes can be fitted to the BTT large stainless steel housing (standard), BTT stainless steel EX d or large aluminium housing.

See www.benney.com.au for terminal housing specifications.

Configuration.
Halar coated 316L stainless steel probe with welded process connection, fitted to stainless steel terminal head. Probe quantity 1 to 6 available.
Others materials & probe quantities available upon request.

Process Connection.
30mm Weld in Socket
1½'' BSM (flat face or recessed face with nut).
2'' BSM (flat face recessed face with nut)
3'' BSM (flat face recessed face with nut)
4'' BSM (flat face recessed face with nut)
1½'' Triclover
2'' Triclover
3'' Triclover
4'' Triclover
25mm BSPP male
½''BSPT male
¾''BSPT male
Others available upon request

Terminal Housing IP Rating. (When fitted correctly)
Certified IP 65, 66, 67
(Rating only applies to stainless steel models)

Electrical Gland Fitting.
20mm conduit gland connection
(Can be wired through conduit or use gland provided)

Probe Material.
Halar coated 316L stainless steel

Probe Length.
To customers specification
Can be shortened on site with no effect on sensitivity

Controller.
Various options available on request