

# Capacitive Level Sensor ME Series

*With adjustable dielectric constant technology from Hycontrol for wide range of media*

The Hycontrol Capacitance level sensors ME Series uses the same transmitter and sensor for all applications with adjustable sensitivity on the dielectric constant for simplified product selection, installation and maintenance. Mount it - wire it - forget it.

Capacitance probes are a compelling choice for both solids and liquid switching applications. They function by creating a low-voltage, high-frequency signal along the probe, creating a small current flow between the probe tip and the ground plane. As the level of the measured material comes into contact with the probe, this alters the capacitance measurement between probe and ground plane, which triggers an alert for the user.



## Features:

- Easy installation through a 1" BSP process fitting
- High corrosion and chemical resistance as standard options
- Adjustable sensitivity for a wide range of products
- Universal design can be used for high or low level detection
- Top, side and bottom mounting options
- Sensor Failsafe options high and low selectable
- Low maintenance technology with no moving parts

## Product Versions:

- Multiple versions with rod and cable
- High temperature versions up to 800°C
- Hazardous area certified versions ATEX-approved
- Adjustable time delay to stop signals from surface ripple
- Anti-static probes for high static plastic pellet applications
- Remote electronics option for high vibration applications
- Interface level detection for difficult applications
- more on [ME Capacitance Products](#)



[Capacitance Sensor PDF datasheet](#)