



FOR IMMEDIATE RELEASE:

Capacitive Proximity Sensors for Accurate Level Detection

Capacitive Proximity Sensors for Accurate Level Detection



April 5, 2018 - Buffalo Grove, IL - CARLO GAVAZZI is proud to announce the launch of the new **CD34 Series** liquid level capacitive sensors. The **CD34 Series** is designed to detect water-based liquids through non-metallic walls, i.e. plastic or glass. The sensors automatically account for the thickness of plastic or glass walls and compensate for any residual films, moisture or foam accumulation while reliably sensing the presence of the liquid to be detected. The sensor is packed with a universal bracket, which provides great mounting versatility for a variety of surfaces, circular (e.g. sight glass, round containers) or flat.

The **CD34** works out of the box for most applications, as it's capable of detecting the media (liquid) with a conductivity of 50mS/cm. For the most demanding applications, the **CD34** offers teach-in capabilities, which assists in solving the most challenging level applications. Through the teach-in function, the sensor can be calibrated to overcome highly conductive, viscous liquids or tanks with very thin or thick walls.

What's more, the compact and robust sensor housing with NEMA250 (1, 2, 4, 4x, 5 and 12), IP69K ratings and ECOLAB certification make it very suitable for wash-down applications and harsh environments typically found in the food and beverage industry or applications that are exposed to wind and weather.

The features of the CD34 Series capacitive proximity sensors include:

- Supply voltage: 10 to 30VDC
- NPN or PNP output function
- N.O. or N.C. switching
- LED to indicate output and power ON
- Reverse polarity, short circuit and transient protected
- 2m cable or pigtail M8 connector
- IP69K for wash-down applications
- NEMA 250 (1, 2, 4, 4x, 5 and 12) ratings
- cULus approved
- ECOLAB Certified

The **CD34 Series** liquid level capacitive proximity sensors are perfect for level applications in markets such as Packaging, Food and Beverage, Agriculture and Water Treatment.

These **CD34 Series** sensors are available from Carlo Gavazzi's network of sales offices and distributors across the Americas, or at www.GavazziOnline.com.

Questions regarding this press release should be directed to: info@carlogavazzi.com

CARLO GAVAZZI Inc., 750 Hastings Lane, Buffalo Grove, IL 60089
Phone: 847.465.6100 Fax: 800.222.2659 Email: Sales@CarloGavazzi.com,

CARLO GAVAZZI (Canada) Inc., 2660 Meadowvale Blvd., Mississauga, ON L5N 6M6
Phone: 888.575.2275 Fax: 905.542.2248 Email: Gavazzi@CarloGavazzi.com

CARLO GAVAZZI Mexico S.A. de C.V., Calle La Montaña no. 18, Fracc. Los Pastores, Naucalpan de Juárez, EDOMEX CP 53340
Phone/Fax: 55.5373.7042 Email: MexicoSales@CarloGavazzi.com