

# PRODUCT OF THE WEEK

## CA18 SERIES CAPACITIVE SENSORS

INDUSTRY LEADING DC SWITCHING  
CAPACITIVE PROXIMITY SENSORS



### PRODUCT DESCRIPTION



The CA18 Series is one of our most popular capacitive proximity sensors. They feature TRIPLESIELD™ technology, which protects the sensor from electrostatic discharge, electrical bursts, airborne RF, wire conducted noise, and high energy transients. Capacitive sensors are ideal for use in level and plastic machinery. They are also available in various housing shapes/diameters, with stainless steel threads, with self-teaching sensing adjustment range, and for AC switching (with or without IO-Link). We also offer mounting wells, which can be screwed into a tank wall, then the sensor is easily secured into the mounting well.

For more detailed specifications on the CA18 Series, please see the link to the data sheet or product brochure below:

<https://www.gavazzionline.com/pdf/CA30CAN25NAM1.pdf>

<https://www.gavazzionline.com/pdf/BROCA30CANCAF.pdf>

### KEY FEATURES

- FEATURING TRIPLESIELD™ SENSOR PROTECTION
- SENSING DISTANCE: 2-8MM FLUSH OR 3-12MM NON-FLUSH
- 10-40VDC, NO & NC, NPN OR PNP, 200MA TRANSISTOR OUTPUTS
- IP67, IP69K; NEMA 1, 2, 4, 4X, 5, 6, 6P, 12
- OPTIONAL DUST ALARM OR TEMPERATURE ALARM OUTPUT
- M18 DIAMETER HOUSING FOR FLUSH OR NON-FLUSH MOUNTING, WITH 2M PVC CABLE OR M12 PLUG
- AVAILABLE IN OTHER DIAMETERS, SIZES, AND AC SWITCHING WITH OR WITHOUT IO-LINK

**The CA30 Series Capacitive Proximity Sensors are ideal for level or presence detection in these industries:**

**PLASTICS/RUBBER PRODUCTION FEEDERS, DRYERS AND VACUUM/CONVEYOR SYSTEMS**

**AGRICULTURAL GRAIN SILOS, AUTOMATIC FEED AND IRRIGATION SYSTEM**

**PELLET STOVE LEVEL DETECTION**

**FOOD AND BEVERAGE**

**LUMBER AND WOODWORKING**

**MATERIAL HANDLING AND CONVEYORS**

**NO TOUCH SWITCHES ON KIOSKS AND DISPLAYS**

**Sensors**