

# SMART PERFORMANCE FOR FOOD & BEVERAGE

SmartLine® SLN 700 non-contact radar

## **Challenges in today's food and beverage industry**

The food and beverage industry faces a range of challenges: from concerns about food safety to the need for faster and more flexible supply lines and rising regulatory stringency.

Reliable and accurate process measurement is key for food and beverage manufacturing – enabling greater efficiency, boosting profitability and enhancing product quality.



**Honeywell**



# LEVEL SENSORS FOR FOOD & BEVERAGE INDUSTRY

Honeywell delivers world-class capabilities to meet the challenges faced by the food and beverage industry.

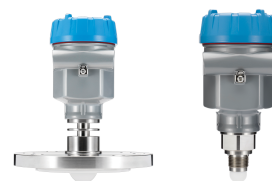
Part of the SmartLine® family of products, the SLN 700 is a high-performance 80 GHz non-contact radar level transmitter offering high accuracy and stability over a wide range of level applications.

The SmartLine family is also fully tested and compliant with Experia® PKS, providing the highest level of compatibility assurance and integration capabilities. SmartLine easily meets the most demanding needs for level measurement applications.

## FOR LIQUIDS

SLN700L-82 is an 80 GHz FMCW radar transmitter for continuous level measurement of liquids under different process conditions.

The excellent beam focusing of SLN700L-83 (80GHz) can provide accurate and reliable measurement from basic process to mild corrosive liquids, especially for small vessels.



Chocolate Production Line



Ice Cream Production Line



Alcohol Storage Tank

## FOR SOLIDS

The excellent beam focusing of SLN700S-87 (80 GHz) can provide accurate and reliable measurement for most powder or bulk solids applications in storage vessels..



Grain Industry



Flour Silo



Sugar Industry

## HONEYWELL'S SMARTLINE RMA 800

The RMA800 Remote Meter Assembly allows easy reading of process values in locations where the integral meter in the field instrument is difficult to view.



## LESS COMPLEXITY – MORE FLEXIBILITY

The SLN 700 radar level transmitter is designed to help efficient, reliable production.

- Narrow beam, small blind zone & accurate.
- Immunity to temperature, pressure, most obstacles and dust measurement.
- Easy setup, no dielectric constant dependence.
- Small antenna size fits most process: easy to install.
- Remote access with RMA800 remote indicator.

## DO MORE WITH LESS

SmartLine SLN 700 level transmitters are an ideal solution for demanding process level needs, with easy-to-use and low-maintenance character

Discover the entire SmartLine portfolio at [www.hwll.co/SmartLine](http://www.hwll.co/SmartLine).

## BEST IN CLASS FEATURES

- 80 GHz FMCW technology
- Narrow beam, small blind zone & accurate measurement
- Immunity to temperature, pressure, most obstacles and dust
- False echo suppression option
- Easy setup, no dielectric constant dependence
- Small antenna size fits most process: easy to install
- High resolution: better accuracy and process detail
- Measuring range: up to 30 m (liquids) / 120 m (solids)
- Accuracy  $\pm 2$  mm
- Process Temperature range:  $-40$  to  $200$  °C
- Process Pressure range:  $-1$  to  $25$  bar
- Operating voltage:  $12$  to  $30$  V DC
- Output signal:  $4 - 20$  mA & HART®

### For more information

To learn more about SmartLine Transmitters, visit [www.honeywellprocess.com](http://www.honeywellprocess.com) or contact your Honeywell Account Manager.

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FUTURE  
IS  
WHAT  
WE  
MAKE IT

**Honeywell**