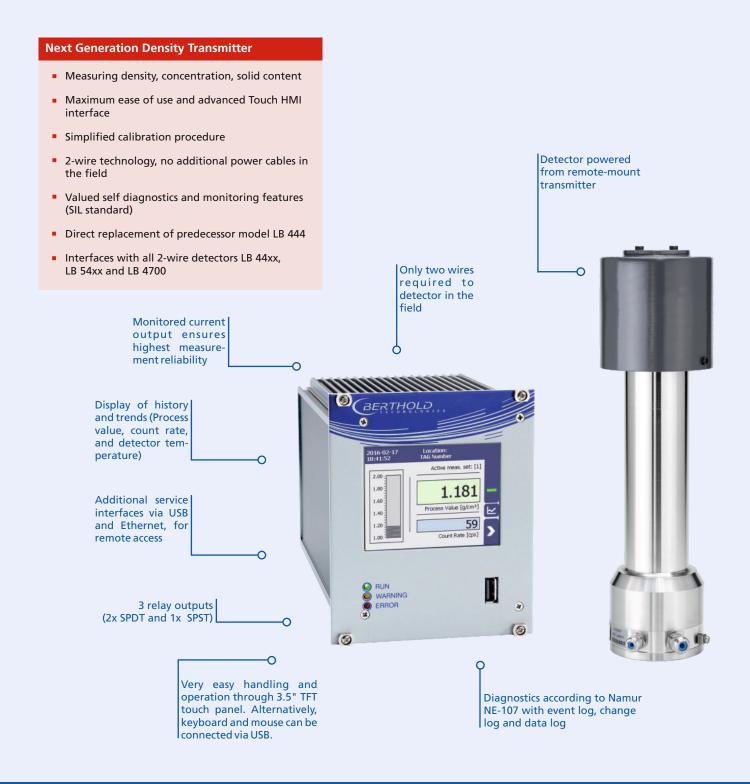
# **DuoSeries Density Transmitter LB 474**

Cutting-edge radiometric density system with real 2-wire detector technology



BERTHOLD



### **Designed for Operators**

The DuoSeries LB 474 density transmitter is characterized by an advanced, customerdriven operation. The main enhancement compared to its predecessor is the ease of operation with the outstanding and robust 3.5" TFT touch panel with industrial design. Moreover the transmitter provides a number of valued diagnostic and monitoring features for improved plant reliability.

Operators also benefit from the new service functionalities like data logging, which can be accessed either remotely through Ethernet connection or through the USB port at the front panel of the system.

## **Dual Core CPU**

The measurement itself is managed independently from the user interface by using two separate cores. Thus the measurement can continue even in case the display or the user interface fails, ensuring high operational safety where reliability matters.

# DuoSeries Density Transmitter LB 474

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Software

Menu languages	English, German, French, Chinese, Russian, Portugese, Italian, others on request
Features	<ul> <li>Up to 4 calibration curves</li> <li>Compensation of product temperature variations (PT100 connected to detector or analog input)</li> <li>Dynamic adjustment of time constant</li> <li>Radiation Interference Detection</li> <li>Automatically generated message for pending source exchange</li> <li>Diagnostics according to Namur NE-107 with event log, change log, data log</li> </ul>

For technical details of field-mounted detectors please see DuoSeries detector LB 4700 brochure



#### Cabinet

Optionally the transmitter can be installed in a robust wall-mounted, steel cabinet (IP 65).