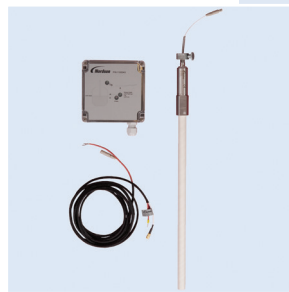


LA100-C Level Detection System

Simple, easy-to-use level detection system for efficient, uninterrupted production processes



- **Easy set-up and operation**
- **Flexibility in material use**
- **Safe, reliable detection**

The new LA100-C level detection system is specifically offered as an auxiliary control feature for Nordson's liquid adhesive pressure tanks and liquid adhesive pump systems.

The system can also be used for simple retrofits of other installed containers to detect liquids, lotions, perfumes, wax, granules, etc. for conductive or non-conductive materials.

The system features a capacitive-sensor probe with a single-switch point and an evaluation unit. The function is based on a unique measuring principle that has been used in Nordson hot melt equipment. This principle provides great flexibility in materials and forms, and makes the system unaffected by material deposits, viscosities, and material densities.

The system provides accurate, reliable results.

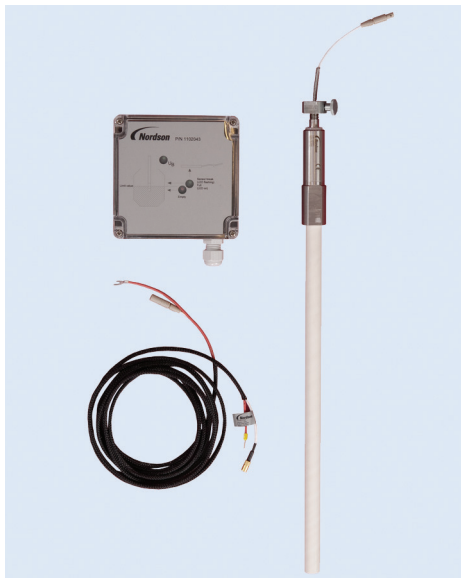
Benefits:

- Safe, consistent level detection avoids production interruptions caused by empty containers.
- Use as stand-alone system but also integrates into customers' parent systems.
- Potentially saves valuable labor time by eliminating redundant manual level check, especially when the supply system is placed offside. Labor is freed to perform other tasks.
- Reduce the risk of adhesive contamination through unnecessary tank opening or lifting pump lids.
- Very robust sensor is virtually maintenance free.
- Easy, fast set-up. System comes pre-calibrated suitable for most liquids.

LA100-C Level Detection System

Technical Data

Evaluation Unit Dimensions	120 x 120 x 60 mm
Periphery Connection	Relays 1 & 2 max. 120 VDC / 1 A - 250 VAC / 4 A
Power Supply	
Standard Version	105 -125 / 207 - 253 VAC; 50 / 60 Hz
Low Voltage Version	18 - 36 VDC; 50 / 60 Hz
Current Consumption	Typ. 3 VA
Sensor Probe Dimensions	diam.: 16mm; length: approx. 410mm
Adapter Threads	M10 (LA120 Tank) BSP 1" (LB140 Tank) M22 (Piston Pump Lid)
Degree of Protection (EN 60529 / IEC 529)	Casing: IP 54 Sensor probe: IP 67
Temperature Range	Casing: -25° to 55° C (-13° to 131° F) Sensor probe: < 250° C (482° F)



Level detection kit for conductive (pressure) tanks; tank wall acts as counter electrode



Level detection kit for non-conductive containers (e.g. plastic) contains additional counter electrode



For more information, speak with your Nordson representative or contact your Nordson regional office.

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