

# Replacing Level Sensor on Electrostatic Cable Coater ECC30x

## 1. Safety



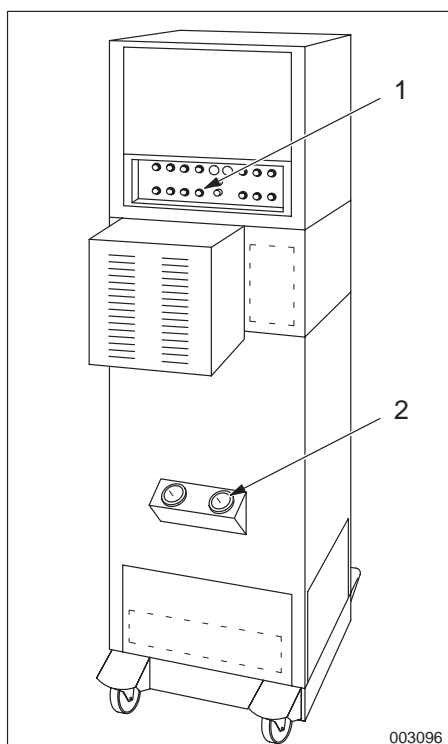
**WARNING:** Allow only qualified personnel to perform the following tasks. Observe and follow the safety instructions in this document and all other related documentation.

## 2. Use

The level sensor on electrostatic cable coaters *ECC 300* and *ECC 301* can be replaced with a newly designed level sensor. The new design allows simpler calibration as well as dependable compilation of the level.

System	P/N of old level sensor	P/N of new level sensor
ECC 300 ECC 301	634755	789567

## 3. Retrofitting



003096

Fig. 1

1. Switch off coater.
2. Release electric plug connector of sensor (connection *Level Probe*, 1).
3. Extract old sensor (2).
4. Insert new sensor and connect.
5. Switch on coater.

*Continued...*

### 4. Calibration

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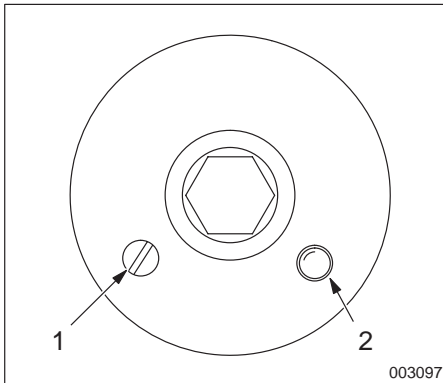


Fig. 2 Level sensor, operating side

1. Remove protective screw (1) of potentiometer.
2. Wait for or fill up to the level at which empty indication should occur.  
**NOTE:** To ensure proper switching, the sensor should protrude several millimeters into the material, even when *Empty* is indicated.
3. Turn the potentiometer with a screwdriver until the LED (2) goes off.
4. Screw protective screw back into place.

**NOTE:** If the system is not filled within the preset time, a fault indication occurs. After the system is filled, acknowledge the error indication by pressing *Reset* on the FC control unit.