



Level



Pressure



Flow



Temperature



Liquid Analysis



Registration



Systems Components



Services



Solutions

# Levelflex M FMP40 in Level Detection- Paper/Pulp

## FMP40 is used as a Level Detector



FMP40 mounted on vessel



FMP40 Levelflex with cable



Paper/pulp plant

### Levelflex M wins the competition.

#### Customer Information

This customer is a North American leader in the production, converting and marketing of packaging products, fine papers and tissue papers.

It recycles more than two million tons of paper and card board annually, supplying the majority of its fiber requirements. Leading-edge de-inking technology, sustained research and development, and more than 35 years of experience in recycling are all distinctive strengths that enable it to manufacture innovative value-added products.

#### Process Information

Medium:	Pulp
Process Temp.:	157°F (70°C)
Steam:	Present
Vessel:	Horizontal vessel
- Height:	38 ft (11.5m)
- Diameter :	12 ft (3.6m)
Build up:	Present
Surface:	Angled product surface because pulp is fed from the top

#### Challenge

Build up

#### Competition

A competitor offered a TDR system for the same application. The customer wanted to install two TDRs from different manufacturers. The better instrument would be the supplier for the future.

#### Solution from Endress+Hauser

For this application we have offered a Levelflex M  
FMP40-AAA1CNJB21CA

#### Instrument description

The Levelflex M performs continuous level measurement of powdery to granular bulk solids and liquids e.g. plastic granulate. The measurement with the FMP40 is independent of:

- Density
- Bulk density
- Temperature
- Dust, e.g. during pneumatic filling

The supplied ToF Tool operating program allows an easy set up, operation, diagnosis and measuring point documentation.

#### Problem with the competitor

- The instrument had a huge problem with build up.
- Consequence: very unreliable level measurement

#### Competitive disadvantage

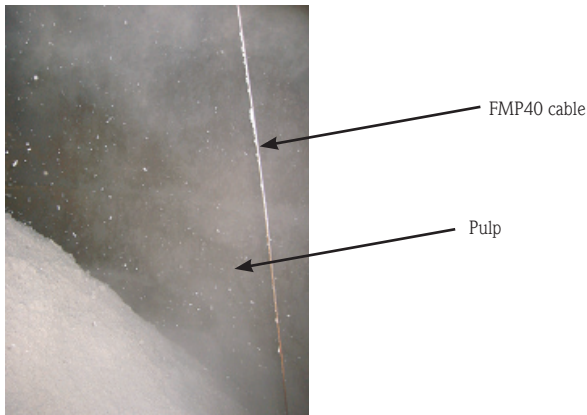
The instrument of our competitor had huge problems with build up. Due to the build up the measurement was very unreliable. The customer chose Endress+Hauser as the new standard supplier.

#### For more information contact

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Strong signal of 73mV (level was very close to Empty)



ISO 9001:2000 Certified

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