

## Press Release 2/2007

SNT Sensortechnik AG, 8153 Rümlang (Switzerland)

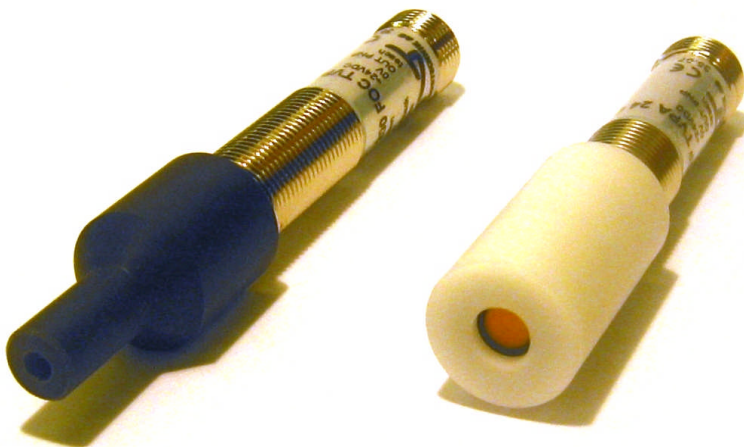
### Special ultrasonic sensors for narrow and aggressive environment

The ultrasonic sensors series UPS FB (FOCUS Beam) are equipped with a focusing device made of glass-fibre reinforced polypropylene, which makes the sound beam particularly narrow. Therefore they are suitable in the near range up to 150mm to watch into narrow cavities. A typical application is measuring and controlling of liquid level in small tubes or containers. The UPS FB sensors can watch into openings above approx. 10mm diameter.

The diaphragm of the series UPS 150 CP (Chemical Protection) is coated with a thin PTFE foil. The head made of chemically resistant PVDF serves as mechanical fixation for the foil and protection of the sensor front part. Thus the front part of the ultrasonic sensor becomes resistant to most chemicals. Applications are in the level and presence detection in chemically aggressive environment (e.g. acids and caustic solutions).

All UPS sensors are available as pure proximity switches and distance sensors with analogue outputs in V or mA as well. The switching and/or measuring distances are trained by means of Teach-in. Optionally a Teach-in box is available.

SNT Sensortechnik AG is a specialist in ultrasonic and optical sensors for more than 20 years.



*UPS 150 FB ... and UPS 150 CP ... ultrasonic sensors*