

Press Release 2/2003

SNT Sensortechnik AG, 8153 Rümlang (Switzerland)

Ultrasonic sensor – small though powerful

Ultrasonic sensors are used in industry and automation for measurement of distances, levels and proximity. They detect also under harsh environmental conditions and independent of the target material properties. They are maintenance free and have a long service life, even in permanent operation.

The UPR series from SNT Sensortechnik AG, Switzerland, combines the well known powerful ultrasonic SNT transducers with a miniaturized electronics. The result is a complete sensor family in M18 housing. The maximum reach is 1000mm. In this distance the sensor detects objects smaller than 15mm in size. SNT offers versions with axial or radial transducer, with cable or connector, with switch outputs (PNP or NPN), analog output (U or I) and with synchronisation output as well. The switching distance can be simply adjusted with a potentiometer. The housing is made of glassfibre reinforced plastic or stainless steel. All SNT sensors are fully IP67 protected. Various versions with different switching speed, i.e. measuring speed, allow the best adaptation of the sensor to the application – from slow level measurement up to very fast detection at 25Hz speed. SNT Sensortechnik AG is a specialist in ultrasonic sensors for more than 20 years.



UPR Ultrasonic Sensors with axial or radial Transducer