



Level



Pressure



Flow



Temperature



Liquid Analysis



Registration



Systems Components



Services



Solutions

## Primaries

for the toughest tasks



### Level:

**Prosonic S** ultrasonic system with a measuring range up to 70 m – 230 ft and ambient temperature of max. 150 °C – 302 °F; self cleaning sensor due to flat, smooth vibrating membrane



**Micropilot M** free space radar with a measuring range up to 70 m – 230 ft in bulk solids (max. 200 °C – 392 °F) and **Levelflex M** guided radar up to 35 m – 115 ft for powder and coarse grained solids (max. 150 °C – 302 °F)



**Soliphant** vibrating limit switch for solids; maintenance free, no calibration; suitable for bulk material up to 25 mm – 1.0" grain size and max. 150 °C – 302 °F



### Pressure:

**Cerabar S / Deltabar S** pressure transmitter with robust, abrasive and overload resistant ceramic cell and modular design for various applications



### Flow:

**Proline Promag S** electromagnetic flow meter for applications in conductive liquids with high solids content



### Temperature:

**Omnigrad S** thermocouple probe measuring high temperatures up to 1600 °C – 2912 °F. Depending on the temperature range a metal protective sleeve (temperature resistant up to 1100 °C – 2012 °F) or a ceramic protective sleeve (high temperature resistant up to 1600 °C – 2912 °F) is used



### System Components:

Barriers with power supply, process transmitters and process displays for numerous applications



### Data Acquisition:

**Memograph** visual/data manager with intelligent, paperless recording resulting in data compression and minimization of consumables (ink and paper). **ReadWin® 2000** freeware for quick instrument set-up and visualization of measured data, as well as for archiving



### System Solutions:

**Fieldgate** is the bridge between field instrumentation and networks. **Fieldgate** allows global access and remote programming of analog, HART® and PROFIBUS® transmitters. Measured data is available worldwide to be processed efficiently via the Internet

