



Level



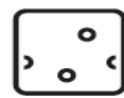
Pressure



Flow



Temperature



Liquid
Analysis



Registration



Systems
Components



Services

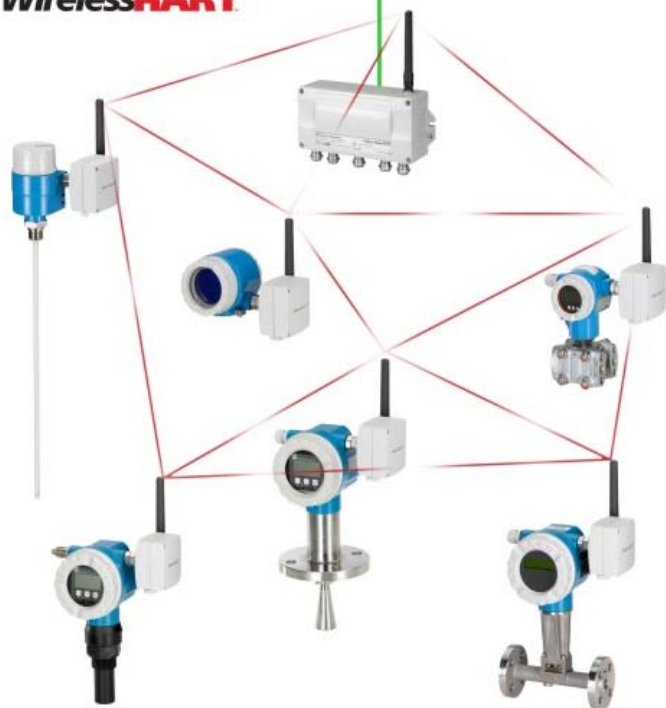


Solutions

WirelessHART[®]



WirelessHART



Application

- For large distance e.g. tank monitoring
- Measuring devices that are mounted on movable parts
- Where there are obstacles in the signal path as railway platforms or rivers
- For configuration and operation of HART components on controllers that are not HART capable
- For retrofitting or temporary installation of field devices

Benefits

- Cost saving during planning and mounting
- Easy Commissioning, automatic network setup
- Large distances bridged by intermediate users
- External transmission distances up to 250m from user to user
- Built in redundancy: if a user fails, transmission is automatically made via another user

WirelessHART[®] gateway

- One Ethernet and two RS485 interfaces
- Ethernet interface supports, http and MODBUS TCP protocols
- RS485 interface supports HART and MODBUS RTU protocols
- Integration of gateway possible in various control and SCADA systems by means of OPC server-client architecture

WirelessHART[®] adapter

- HART protocol
- Battery operated or operated via 4 to 20mA loop
- Typical battery life 3 to 5 years