

## PulseEight™ Monitor

The TAQA PulseEight Wireless, Intelligent suite of completions tools enable an agile completions approach, providing systems that respond to the changing dynamics of the reservoir during production and injection

### Monitoring Where it Matters

PulseEight Monitor is a wireless, cable-free downhole monitoring solution that provides continuous pressure and temperature surveillance without the need for dedicated control lines or costly workovers. Using proprietary Fluid Harmonics telemetry, it transmits real-time data through live produced fluids and records high-frequency PBU data to onboard memory.

### FEATURES

- **WIRELESS** downhole surveillance from deployment
- **WIRELESS CONFIGURATION** - enables changing settings from surface without intervention
- **HIGH-RATE DATA LOGGING** (1 sample/s) during PBU
- **DEPLOYABLE** as part of completions or Retrofit-ready design for live wells
- **DUAL QUARTZ GAUGES** providing upstream and downstream surveillance of choke ports
- **BATTERY LIFE** up to 5 years

### BENEFITS

- **IMMEDIATE AND CONTINUOUS** - downhole visibility and monitoring payzone
- **REDUCED** intervention and operational risk
- **SIMPLIFIED** well architecture
- **FLEXIBILITY** to adapt to evolving well conditions
- **OPTIMIZED** reservoir management

### APPLICATIONS

- **FAILED PERMANENT DOWNHOLE GAUGE REPLACEMENT**
- **LACK OF SHUT-IN DATA**
- **DOWNHOLE PRESSURE, TEMPERATURE & DIFFERENTIAL MONITORING**
- **WARNING SYSTEM FOR SCALE FORMATION**
- **DETECTION OF WATER OR GAS INFUX OR CROSS FLOW**
- **DOWNHOLE SURVEILLANCE IN HIGH-UNCERTAINTY ENVIRONMENTS**

### SPECIFICATIONS

	Verified	Tubing Size inches	OD Inches	Max Flow Area, Ports inches <sup>2</sup>	Flow Area ID Bore inches <sup>2</sup>	Maximum Rate bbls/day	Body Pressure psi	Static Seal from below psi	Differential Pressure psi	Temp °F	Length Min- Max ft
MONITOR	N/A	3.5-5.5	2.5	2.26	1.88	10,000	7,500	N/A	N/A	230	17.89 - 31.63