

PulseEight™ Secure

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.

Secure your well

PulseEight Secure is a retrofittable, wireless, cable-free subsurface safety valve that enables production in dynamic environments. Qualified under API 14A, the intelligent safety valve offers a fully autonomous self-powered system.

The valve is equipped with pressure and temperature sensors upstream and downstream of choke ports, providing accurate surveillance of well events and ease of opening via TAQA's proprietary fluid harmonic communication. In addition, the tool is self-monitoring and will communicate a "Vitality Pulse" to surface providing valuable information associated with tool integrity and battery life.

FEATURES

- **RETROFITTABLE** via intervention, set on lock or retrievable packer
- **DUAL QUARTZ GAUGES** providing upstream and downstream surveillance of choke ports
- **COMMAND** open from the surface with ≤1,500psi differential
- **VITALITY PULSE** - provides self-monitoring communication to surface
- **BATTERY LIFE** up to 5 years

BENEFITS

- **QUICK INSTALLATION** - no workover
- **NO SURFACE SYSTEMS REQUIRED**
- **DIFFERENTIAL RE-OPENING CAPABILITY** - no requirement to equalize
- **COMPATIBLE** - with Injection or Production

APPLICATIONS

- **FAILED DHSV**
- **NO DHSV**
- **REMOTE LOCATIONS**
- **CYCLIC WELLS, VELOCITY STRING COMPLETIONS**

SPECIFICATIONS

	Verified	Tubing Size inches	OD Inches	Max Flow Area, Ports inches²	Flow Area ID Bore inches²	Maximum Rate * bbls/day	Body Pressure psi	Static Seal from below psi	Re-opening Differential Pressure psi	Temp °F	Length Min-Max ft
SECURE	API 14A V2	3.5-5.5	2.5	2.26	1.88	13,000	10,000	7,500	≤1,500	230	17.12 - 30.86
SECURE	API 14A V2-R	7	5	9.65	8.04	39,000	6,000	6,000	≤1,500	230	18.73 - 30.56

*Maximum rates are indictive only. Actual limits are subject to well design and detailed modelling.