



REGULATOR

SIMPLE AUTOMATION. BASIC PROCESS. GAIN CONTROL.

KEEP IT SIMPLE AND GAIN MORE CONTROL

For your simple process-control applications, the Regulator drive is the best universal closed-loop controller in the oil & gas industry. By regulating and optimizing your processes, you maximize your production while minimizing your energy consumption and mechanical damage. You replace your start-and-stop cycle with process speed optimization. And the WiseGuy interface, standard on every Regulator drive, makes controlling your processes easier than ever.

Whether you are controlling compressors, transfer pumps, triplex or other injection/disposal pumps, we designed Regulator around your needs, your wishes. It's all here—everything you need to produce more and spend less with your pumping system.

THREE PROGRAMMABLE DIGITAL INPUTS

- Pressure switches
- Vibration switches
- Tank switches and level indicators
- Other inputs available

MULTIPLE ANALOG INPUTS AVAILABLE

- Level transmitters
- Temperature transmitters
- Pressure transmitters
- Other inputs available

INTUITIVE OPERATOR INTERFACE THAT AIDS TROUBLESHOOTING

- Visual indication of faults
- Time & date stamped
- Instant safety status
- Color-coded for easy navigation

UNIVERSAL APPLICATION FOR SURFACE PUMPING IN ONE PACKAGE

- Tank level
- Discharge pressure
- Compressor pumps
- Inline and transfer pumps

OPTIMIZE YOUR FLOW PROCESS

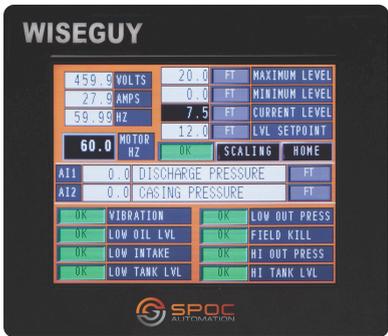
- Keep your levels where you need them
- Eliminate soft start failures
- Lower electrical costs

INDUSTRY'S WIDEST RANGE OF DRIVES

- 2HP-150HP drives
- 240V, 480V low voltage motors: 1-phase and 3-phase
- Motor output filters
- Low-harmonic input solutions

TECHNICAL DATA SPECIFICATIONS

HP Range 2HP - 150HP	Standard
Input Range 380- 500 VAC***	Standard
Output Frequency Range: Hz	0-320 Hz
Initial Output Current (CT)	250% for 2 seconds
Overload: 1 Minute (CT)	110% VT
NEMA 3R, Harsh Environment Enclosure	Standard with Sun Shield & Heat Exhaust System
Cold Weather Heater & Thermo Switch	Standard
Extreme Cold Weather Heat Kit	Optional
Listings Available	UL, cUL Optional
WiseGuy Color Touchscreen Operator Interface	Standard
Communications	Modbus, TCP standard, Modbus RTU optional
Altitude (Maximum without De-Rate)	3300 ft. (1000m)
Line Voltage Variation	+10/-15% Standard,
Efficiency	>97%
Power Factor (Displacement)	.98



The WiseGuy interface gives you control of a wide range of features all from one easy-to-use touch screen.

PACKAGED FOR OIL & GAS INDUSTRY

- Engineered for harsh duty, from the arctic to the desert
- Heat exhaust systems, solar load reduction shields
- Power voltage surge protection
- Best practices on controls & protection

RELIABLE, DEPENDABLE, LATEST DRIVE TECHNOLOGY

- Two-year manufacturer's warranty
- Fifth-generation drive technology
- Advanced drive manufacturing processes



100 HP installation shown. The Regulator drive can operate with traditional oil field switches and gauge controls, or it can fully automate the pump system.

*** Other voltages available, please consult SPOC.