

XAE PULSAPRO® & PULSA SERIES® STROKE LENGTH CONTROLLER

For accurate control of your metering process, the XAE stroke length controller provides the communication interface and dependable technology you need to deliver chemical precisely and promptly.

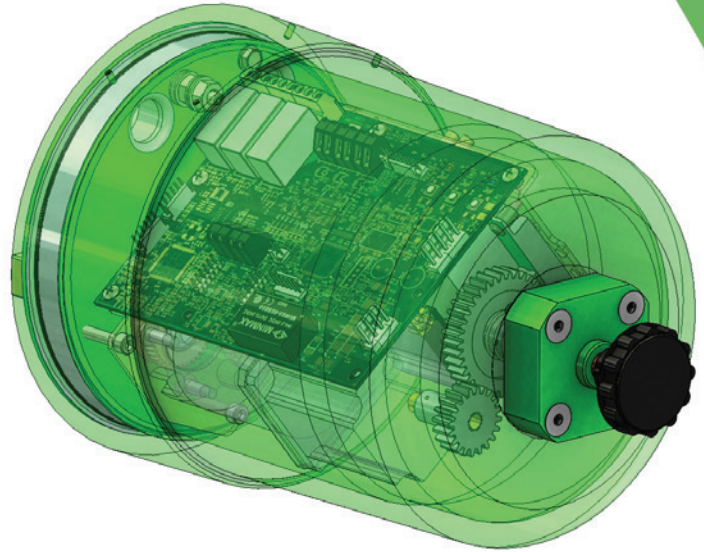
KEY FEATURES & BENEFITS

Microprocessor Based, Digital Logic for:

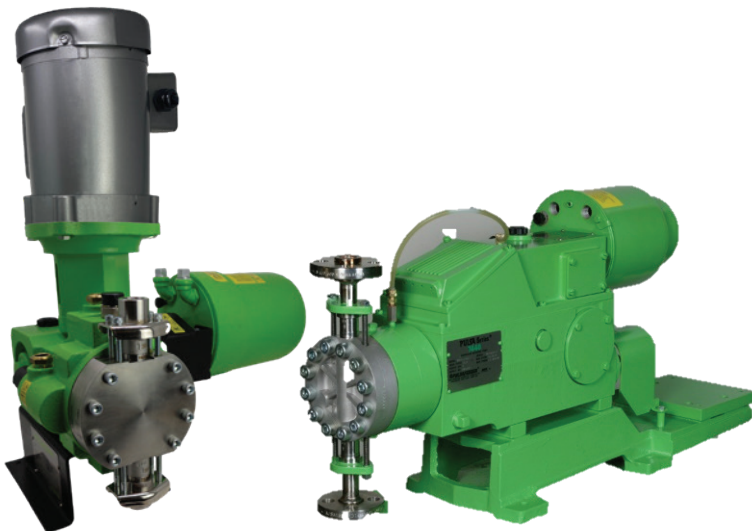
- Fast commissioning. Calibration and start up in minutes
- On board self-diagnostics are fault-tolerant and self-correcting after power loss or system fault
- Settings automatically maintained and monitored even without power

Robust Electro-Mechanical Design:

- Brushless servo motor drive provides precise pump control and long life
- Control panel ready for easy system integration
- Know pump status with dry contacts for system ready-to-run inputs and pump condition indications



PULSAPRO & PULSA SERIES WITH XAE STROKE LENGTH CONTROLLER



Pumps

PulsaPro
Pulsa Series



Power

90-265 vac, 50/60 Hz
75 W, single phase



Certification

API-675 Compliant
ATEX Certified
IECEX Certified



Environment

-40 to 70°C (158°F)
Non-hazardous

SPECIFICATIONS

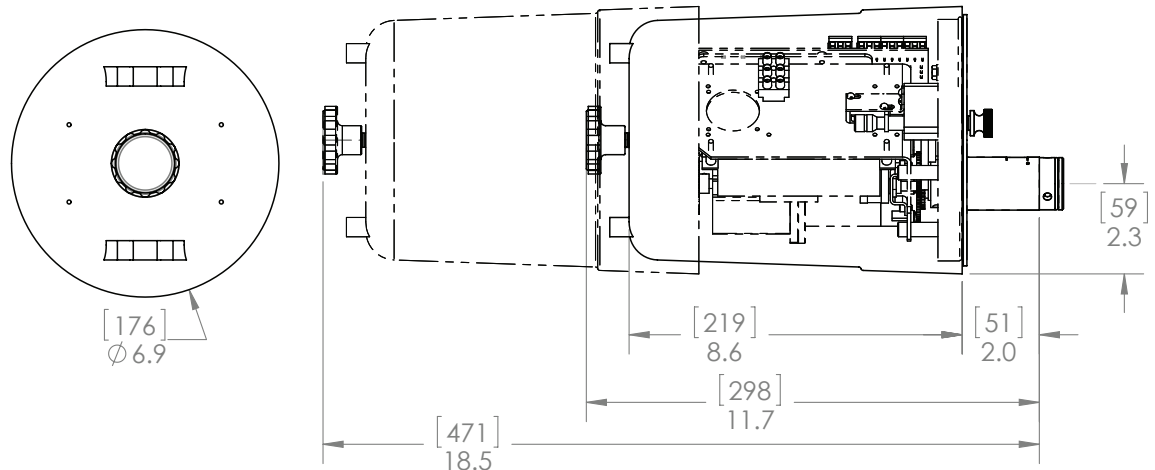
Feature	Description	PulsaPro Pulsa Series	Pulsa Series
		XAE vs Pulsamatic	
		XAE	Pulsamatic
Power	90-265 vac, 50/60 Hz (47-63 Hz auto ranging), 75 W, single phase	Standard	Optional
Analog Input	0 to 24 mA (4-20 mA factory default), 100 ohms input impedance, isolated	Standard	Optional
Analog Output	0 to 22 mA (4-20 mA factory default), 300 ohms load, isolated. Reverse Acting, Split Ranging, Slave Control	Standard	Optional
Digital Input	(3) dry contact (interlock, call-to-run, alarm)	Standard	N/A
Digital Output	(3) relay, 5 A @ 120 VAC (run, local/remote, alarm), NO/C/NC connections	Standard	N/A
Temperature	Ambient	-40°C to +70°C -40°F to 158°F	-40°C to +80°C -40°F to 180°F
Drive	Brushless DC Stepper Motor	X	
	Screw Type, Clutches and Limit Switch		X
Electronics	Digital Microprocessor	X	
	Analog Circuitry		X
Enclosures	NEMA 4X	X	X
	NEMA 7	X	X
Programming & Diagnostics	Push-button signal calibration, self-recovery after power loss	Standard	N/A
Auto / Manual	Auto / Manual Switch, Control Knob	Standard	Standard
Certifications	API-675 Compliant	Standard	N/A
	ATEX	See Below	N/A

Certifications: When so marked, the following standards apply to this product		
<ul style="list-style-type: none"> Class I Division 1, Group C & D, T6 Class II Division 1 Class I, Zone 1, Group IIB T6 	<ul style="list-style-type: none"> UL 1203 Edition 5 	<ul style="list-style-type: none"> CSA C22.2 No. 30-1986 Reaffirmed 2012 CSA C22.2 No. 25-1966 Reaffirmed 2014
<ul style="list-style-type: none"> Safety Requirements for Electrical Equipment 	<ul style="list-style-type: none"> UL61010-1:2012 Ed.3+R:29 Apr2016 	<ul style="list-style-type: none"> CSA C22#61010-1:2012 Ed.3
<ul style="list-style-type: none"> II 2 G Ex db IIB T6 Gb II 2 D Ex tb IIIB T85C Db IP66 	<ul style="list-style-type: none"> ATEX 	<ul style="list-style-type: none"> 2014/34/EU EN 60079-0:2012+A11:2013 EN 60079-31:2014
<ul style="list-style-type: none"> Ex db IIB T6 Gb Ex tb IIIB T85 Db IP66 	<ul style="list-style-type: none"> IECEX 	<ul style="list-style-type: none"> IEC 60079-0:2011 IEC 60079-1:2014-06 IEC 60079-31:2013

DIMENSIONS

The dimensions given may differ depending on pump configuration.

[Millimeters]
Inches



Pulsafeeder, Inc.
 2883 Brighton Henrietta Town Line Rd.
 Rochester, NY 14623
 Phone: +1 (585) 292-8000
 pulsa@idexcorp.com • pulsa.com
 Pulsafeeder is an ISO 9001 Certified Company.

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