

Advanced Energy Announces Rockwell Automation AOP for Its New Fieldbus-Enabled Pyrometer Designed for Industrial Applications

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Advanced Energy to Showcase Plug-and-Play Onyx-M Pyrometer Series at Automation Fair 2018

FORT COLLINS, Colo.--(BUSINESS WIRE)-- [Advanced Energy Industries, Inc.](#) (Nasdaq: AEIS), a global leader in highly engineered, precision power conversion, measurement and control solutions, is today pleased to announce that its Onyx™-M pyrometer series, designed for measurement into the mid-IR and long-IR spectral space, will also be available with a Rockwell Automation Add-On Profile (AOP) that enables plug-and-play connectivity into Rockwell Automation-controlled systems. An offering that is part of the Rockwell Automation Encompass™ program, the Onyx-M will be featured at the [Automation Fair®](#) by Rockwell Automation in Philadelphia, Nov. 14-15, 2018.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20181113005108/en/>



Onyx-M Pyrometer Series (Photo: Business Wire)

Rockwell Automation AOPs are custom software wizards that allow quick and easy

configuration of third-party devices to communicate with Rockwell Automation control systems. AE worked closely with Rockwell Automation to develop an AOP for the Onyx series pyrometers with features that enable customers to quickly integrate optical temperature pyrometers into their new and existing thermal processes.

“Having partnered with Rockwell Automation since 2014, we are thrilled that the Onyx-M will also be available with an AOP so Advanced Energy can expand the support it provides customers,” said Mark Ritzheimer, senior product marketing manager for Advanced Energy. “There’s no doubt that the Onyx-M will prove to be an ideal solution for a number of industrial applications, as well as to help further Advanced Energy’s vision of a connected enterprise.”

The Onyx-M enables closed-loop control for critical processes and delivers real-time data collection and analytics for thermal processes. It provides customers with a wide variety of communication outputs suitable for a host of needs, including analog, digital and common fieldbus protocols (Modbus® TCP, PROFIBUS®, Ethernet/IP®, PROFINET® and EtherCAT). The Onyx-M can further be integrated into AE’s Connected Power platform for on-site or cloud-based scalable data collection and analytics, and can also be configured in a wide variety of other mid-IR and long-IR wavelengths.

In addition to the Onyx-M, AE’s Ascent AMS series and Ascent DMS series, added to the Encompass program earlier this year, will also be featured at the Automation Fair. The Ascent AMS series is a front-line DC generator that provides performance and reliability required in modern

sputtering applications. For dual magnetron sputtering applications, the Ascent DMS accessory combines with the Ascent AMS to provide higher deposition rates and more precise process control than are possible in traditional equipment sets. AE's Onyx series of optical temperature pyrometers meet the most demanding accuracy and precision requirements over a broad temperature range for industrial manufacturing applications and processes. For more information, visit: https://www.advancedenergy.com/en/Onyx_Pyrometer.html.

About Advanced Energy

Advanced Energy (Nasdaq: AEIS) is a global leader in the design and manufacturing of highly engineered, precision power conversion, measurement and control solutions for mission-critical applications and processes. AE's power solutions enable customer innovation in complex semiconductor and industrial manufacturing applications. With engineering know-how and responsive service and support around the globe, the company builds collaborative partnerships to meet technology advances, propel growth for its customers and innovate the future of power. Advanced Energy has devoted more than three decades to perfecting power for its global customers and is headquartered in Fort Collins, Colorado, USA. For more information, visit www.advancedenergy.com.

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Global Results Communications for Advanced Energy Industries, Inc.

Priya Dua / Lora Wilson

+1 949.306.0276

aei@globalresultspr.com

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