

For Immediate Release
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Integrated Smart Electronics Solenoid 610 (ISE)



Trombetta Motion Technologies introduces the Integrated Smart Electronics Solenoid, ISE610. Trombetta's ISE610 solenoid achieves performance and implementation efficiencies that surpass conventional solenoid systems comprised of separate solenoids, control modules, and interconnect harnesses.

The ISE610 provides one unit with the efficiency, reduced temperature rise, and the robustness provided by systems using single coil solenoids driven by voltage over-energizer control modules. The solenoid length increases only by a fraction of an inch and mounting is unchanged from a conventional solenoid. The ISE610 takes the benefits of this integration several significant steps further by incorporating several unique features including:

- Integration of a sealed connector body as part of the rear cover assembly.
- Sensing voltage at the power input pins of the solenoid and compensating for variation.
- Sensing the operating temperature of the solenoid and compensating for variation.

The ISE610 solenoid combines Trombetta's High Force solenoid with electronic controls. This design provides one complete system without increasing the solenoid size or having a separate control module. The ISE supplies exact operational control by embedding the electronic control within the solenoid, thereby allowing continuous monitoring and adjustment of operating parameters. This multi-functional solenoid can be used in industrial brakes, locking, positioning controls, and large engine and vehicle controls.

13901 Main Street
Menomonee Falls
Wisconsin 53051
p 262/251-5454
f 262/251-5757

www.trombetta.com



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Based in Menomonee Falls, Wisconsin, Trombetta has been a leading manufacturer of industrial work solenoids, DC contactors, electronic controls and engineering services for over seventy years.

For more information call (262) 251-5454 or visit www.Trombetta.com

Media Contact:
Stacy Wessell, Marketing Coordinator
P: 1.262.251.5454
F: 262.251.5757
E: swessell@trombetta.com

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Wisconsin 53051
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www.trombetta.com