

Product Change Notice

TUBULAR SOLENOID

In our continuing efforts to provide a stable supply of cost-effective solenoids, we have undertaken a redesign of our most popular configurations of the STA tubular solenoids. This next-gen tubular design delivers:

Reduced Lead Time Risks

Using fewer components sourced from fewer suppliers, supply chain interruptions will be minimized, reducing lead-time risk.

Traceability

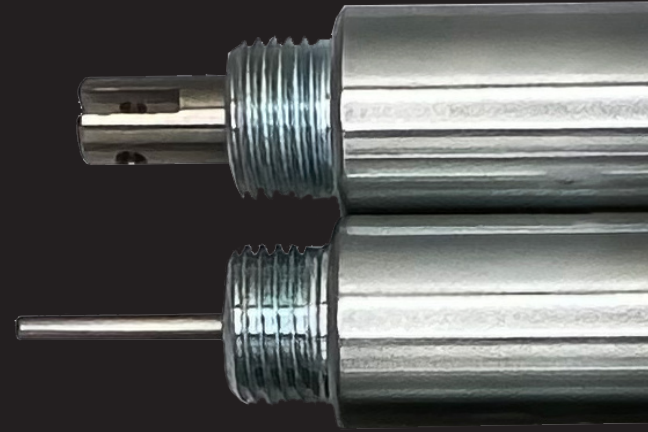
Every solenoid will go through end-of-line testing and be marked by a barcode for enhanced quality control and traceability.

Easily Adapted To Existing Designs

Functional similarity to the legacy STA products ensures that the next-gen tubular can be easily adapted to your process with only minor modifications.

Expandability

This new platform is fully compatible with our Solligence™ technology. This allows for a smart solenoid that consumes less energy, produces less heat, performs consistently throughout life, with predictive maintenance, IoT/ Industry 4.0, and other data communication capabilities.



FEATURES

Available in four sizes
75, 100, 125, 150

Long Life
25 million cycles

Strokes up to 1.5"

Rated for maximum
coil temperature of
130°C/266°F

Samples are now available for design validation testing. Many existing tubular solenoid designs will be discontinued in favor of the new next-generation design, so please encourage your customers to start the validation process now.

Production begins April 2023.

NEW MOLEX® CONNECTOR

An industry standard Molex connector is integrated into the solenoid housing. Customers can now provide their own connections or use the included wire harness.

Molex® is a registered trademark of Molex, LLC



New Part Number	Replaces Legacy Part Number	Description
1671-9A10001	195204-230	Tubular 75 Pull - 30 AWG
1671-9A30003	195204-233	Tubular 75 Pull - 33 AWG
1671-9A50005	195204-234	Tubular 75 Pull - 34 AWG
1671-9A20002	195205-225	Tubular 75 Push - 25 AWG
1671-9A40004	195205-229	Tubular 75 Push - 29 AWG
1671-9A60006	195205-230	Tubular 75 Push - 30 AWG
1671-9B10007	195206-224	Tubular 100 Pull - 24 AWG
1671-9B30009	195206-226	Tubular 100 Pull - 26 AWG
1671-9B50011	195206-228	Tubular 100 Pull - 28 AWG
1671-9B20008	195207-224	Tubular 100 Push - 24 AWG
1671-9B40010	195207-229	Tubular 100 Push - 29 AWG
1671-9B60012	195207-230	Tubular 100 Push - 30 AWG
1671-9F10019	154660-224	Tubular 150 Pull - 24 AWG
1671-9F30021	154660-227	Tubular 150 Pull - 27 AWG
1671-9F50023	154660-228	Tubular 150 Pull - 28 AWG
1671-9F20020	154661-224	Tubular 150 Push- 24 AWG
1671-9F40022	154661-227	Tubular 150 Push - 27 AWG
1671-9F60024	154661-228	Tubular 150 Push - 28 AWG

**WHY
JOHNSON
ELECTRIC**

Johnson Electric is the leader in motion subsystems. Technology leadership, application expertise and a global footprint make Johnson Electric the ideal partner for differentiated product development projects and supply chain excellence.

Inventors of the Rotary Solenoid, Johnson Electric has been manufacturing solenoids for 80 years, building a strong foundation of innovation since 1942.