



12-Volt Section Control Valves 863T Series • 12VDC • T5 Fork Connections

These **12-Volt Electric Boom Section Valves** with fork connections offer precise, high-flow liquid control for agriculture sprayers, planters, and liquid fertilizer systems. Engineered for durability, these compact 12-volt electric valves feature a high-quality polypropylene body, Viton® seals, and stainless-steel internals, offering excellent chemical resistance and long service life. T-Fork port connections and an integrated DIN connector enable simplified installation and wiring customization. Metered bypass valve models help maintain system pressure when valve is "on" or "off".

Features:

- 12-Volt DC On-Off or Bypass operation
- 13 GPM @ 7 PSI
- T5 Fork (1-1/4") inlet, T3 Fork (3/4") outlet
- Nylon body with SS/Ceramic internals
- Viton® seals; Max 290 PSI
- 0.6 Second Open/Close
- 0.5 Amp Steady Current Draw
- Internal resettable fuse



4632010-810



863T011



Part No.	Type	Inlet Size/ Type	Outlet Size/ Type	Sec. to Close	Max GPM @ 7 PSI	Max PSI
AG 863T001	On/Off	1-1/4" T5 Fork	3/4" T3 Fork	0.6	13	290
AG 863T011	Bypass	1-1/4" T5 Fork	3/4" T3 Fork	0.6	13	290
AG 4632010-810	Metered Bypass Valve Assembly w/Graduated Control Dial					
AG 8650900-140	3-Wire Cable Harness w/DIN Connector					
AG 8650900-141	Adapter Cable, 3-Pin Amp Superseal to DIN					



2-Way 12-Volt Electric Manifold Valves 853 Series • 12VDC • T6 Fork Connections

Providing a compact, convenient alternative to sprayer solenoid valves, **ARAG's 853 Series 2-Way Electric Manifold Valves** simplifies plumbing, reduces assembly time, and maintains high reliability for section control in spraying and liquid handling applications. The modular design means the ARAG 853 2-way valves easily adapt to system needs, allowing complete customization for both OEM and retrofit installations. Valves connect manifold-style for multi-section control.

Features:

- 12-Volt DC On-Off operation
- Max 77-90 GPM @ 7 PSI; Max 174 PSI
- 2" Std. Port Flange or T6 Fork inlet & outlet
- Manual position indicator LED
- Waterproof IPX7 actuator; Fiberglass reinforced polypropylene body with 316SS Ball/Stem; Viton® Seals & Teflon Seats
- Viton® seals; Max 290 PSI
- 1.4 Second Open/Close
- 3 Amp Steady Current Draw
- Internal resettable fuse



853T04SC6



Three **853T04SC6**
banked together



Part No.	Inlet Size/ Type	Outlet Size/ Type	Sec. to Close	Max GPM @ 7 PSI	Max PSI
AG 853T04L66	2" SP Flange	2" SP Flange	1.4	90	150
AG 853T04SC6	1-1/2" T6 Fork	1-1/2" T6 Fork	1.4	77	175
AG 4621AA1-100	3-Pin Power Cable, Amp Superseal Plug, 10'				



12-Volt Regulating Valves 863T Series • 12VDC • T5 Fork Connections

ARAG 12-Volt Electric Regulating Valves automatically adjust the flowrate proportional to applicator RPMs – ensuring precision liquid control for a wide array of agriculture applications. These **863T Series** 12-volt electric regulating valves are constructed of durable polypropylene bodies, Viton® seals, and stainless-steel wetted parts for excellent chemical resistance. T5 Fork inlets with 1" hose barb outlet ports. Feature a built-in DIN connector for easy, customizable wiring. Arag electric proportional control valves at 26 or 40 GPM and 290 PSI.

Features:

- 12-Volt DC On-Off operation
- 26 – 40 GPM @ 22 PSI
- T5 Fork (1-1/4") inlet
- 3/4" or 1" hose barb outlet
- Nylon body with SS/ceramic internals
- Viton® seals; Max 290 PSI
- 14 Second Open/Close
- 0.5 Amp Steady Current Draw
- Internal resettable fuse



863T02



Part No.	Inlet Size/ Type	Outlet Size/ Type	Sec. to Close	Max GPM @ 22 PSI	Max PSI
AG 863T020	1-1/4" T5 Fork	3/4" HB	14	26	290
AG 863T024	1-1/4" T5 Fork	1" HB	14	40	290
AG 8650900-140	3-Wire Cable Harness w/DIN Connector				
AG 8650900-141	Adapter Cable, 3-Pin Amp Superseal to DIN				



2-Way & 3-Way Electric Ball Valves 853 Series • 12VDC • Fork Connections

Engineered for reliability, durability, and efficiency, **ARAG's 2-Way and 3-Way Electric Bolted Ball Valves** are the ideal solution for automated liquid handling systems in industrial and agricultural spraying, irrigation, and fluid transfer systems. Featuring compact, high-torque electric actuators and corrosion-resistant components, these valves deliver consistent performance in even the toughest environments. The 2-way electric ball valves provide straight-through flow for on/off control, while 3-way electric valves feature a T-port design for directional flow switching or mixing/diverting.

Features:

- Powerful 12VDC operation (24VDC available)
- 1-1/4" – 3" Sizes
- Flowrates between 90 – 360 GPM @ 7 PSI
- Max PSI up to 180 PSI (*varies by size*)
- 2-way & 3-way configurations
- Available with ARAG fork couplings, NPT, camlock adapter & flange connections
- Waterproof IPX7 actuator; Bolted, fiberglass-reinforced polypropylene body with 316SS Ball/Stem; Viton Seals & Teflon Seats
- Easy maintenance – actuator can easily be separated from valve
- CAN-bus compatible (SAE J1339)
- Fast Open/Close times
- 3 Amp Steady Current Draw



Part No.	Type	Voltage	Inlet Size/ Type	Outlet Size/ Type	Sec. to Close	Max GPM @ 7 PSI	Max PSI
AG 853D05L66E	2-Way	12VDC	2" SP Flange	2" SP Flange	2.3	150	150
AG 853D06L77E	2-Way	12VDC	2" SP Flange	2" SP Flange	2.3	212	120
AG 853D07L99E	2-Way	12VDC	3" SP Flange	3" SP Flange	2.3	360	90
AG 853D04S66E	2-Way	12VDC	1-1/2" T6 M Fork	1-1/2" T6 M Fork	1.4	90	180
AG 853D06S77E	2-Way	12VDC	2" T7 M Fork	2" T7 M Fork	2.3	212	180
AG 853D16L77E	3-Way	12VDC	2" FP Flange	2" FP Flange	2.3	203	120
AG 853D14S66E	3-Way	12VDC	1-1/2" T6 M Fork	1-1/2" T6 M Fork	1.4	84	180
AG 46700102-123	4-Pin Power Cable, Amp Superseal Plug, 5'						

Other models available – call with specifications.



Orion 3 Flowmeters



ARAG Orion 3 Electromagnetic Flowmeters deliver precise, reliable fluid measurements for agricultural and industrial applications such as sprayers, irrigation systems, and liquid fertilizer dosing on planters and seeders. Designed for high-conductivity liquids – including water, fertilizers, and chemicals – Orion 3 flowmeters feature no moving parts and chemical-resistant materials like a reinforced polypropylene housing and stainless steel and ceramic internals. Orion 3 electronic flowmeters have T1 fork (3/8") connections, flow ranges up to 58 GPM, and an integrated LED operating status light. Pulse output is proportional to flowrate. CAN-bus compatibility allows multiple units to monitor flowrates across all fluid lines.

Part No.	GPM	Port Size (Fork Size)	Max PSI
AG 46203E	0.04 – 1.6	3/8" (T1)	145
AG 46203G	0.08 – 3.17	3/8" (T1)	145
AG 462031	0.26 – 10.5	3/8" (T1)	145
AG 462032	0.52 – 21	3/8" (T1)	145
AG 462034	1.45 – 58	3/4" (T3)	145

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