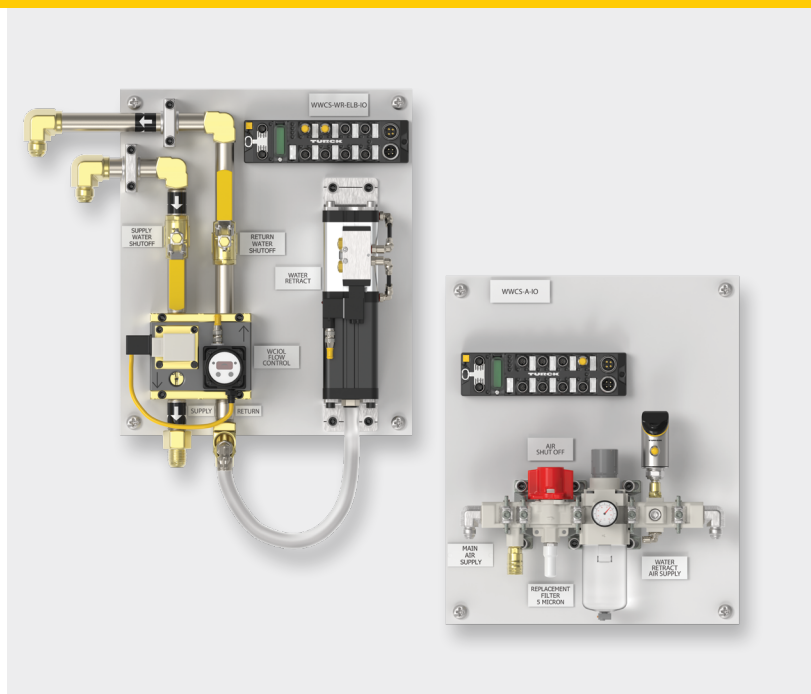


TURCK

Your Global Automation Partner

Weld Water Control System Modular Panels



Pre-Engineered Standard Solutions for Welding Cells

Improve your ability to monitor the robotic welding process and protect the welder from overheating with our pre-engineered solutions. Turck has a suite of modular solutions designed for resistance welding, MIG welding and end effector control. Our Weld Water Control System is designed to monitor and control coolant flow during production and during the tip change process. Our air/gas panels are designed to monitor MIG welding applications. Add an air panel as needed to regulate and monitor pneumatic end effectors and clamps. The

modular design of these panels will allow you to easily tailor the level of monitoring and control for each robot and each cell. These easy-to-integrate systems communicate with IO-Link to help you gain more insight with remote monitoring of process parameters and application status. Weld water systems are designed around the Turck WCIOL flow sensor which communicates through an optional IO-Link block. Air/gas systems consist of a pneumatic regulator, gas flow meter, pressure sensor and optional IO-Link block.

Your benefits

- Configurable for a variety of weld cell applications
- Pre-engineered & standardized
- Easy to design & implement
- IO-Link provides more process data and remote monitoring capabilities
- Reduces damage from overheating & controls leakage
- Water retract option is ideal to protect the tip changer from flooding & contamination

Selection Guide

Water

Part Number	Water Flowmeter	Mechanical Flow Restrictor	Water Temperature Sensor	Water Shut Off	Water Retract Module	IO-Link Master	End Connection Type	Water Connection Orientation
WWCS-W-ELB 200015562	X	X	X	X			3/4" JIC	90-Degrees
WWCS-W-ELB-IO 200015549	X	X	X	X		X	3/4" JIC	90-Degrees
WWCS-W-STR 200015561	X	X	X	X			3/4" JIC	Inline
WWCS-W-STR-IO 200015247	X	X	X	X		X	3/4" JIC	Inline
WWCS-WR-ELB 200015548	X	X	X	X	X		3/4" JIC	90-Degrees
WWCS-WR-ELB-IO 200015547	X	X	X	X	X	X	3/4" JIC	90-Degrees
WWCS-WR-STR 200015550	X	X	X	X	X		3/4" JIC	Inline
WWCS-WR-STR-IO 200015137	X	X	X	X	X	X	3/4" JIC	Inline

Air

Part Number	Air Filter Regulator	Air Pressure Sensor	Gas Flowmeter	Gas Pressure Sensor	IO-Link Master	Air End Connection Type	Gas End Connection Type
WWCS-A 200015553	X	X				1/2" JIC	N/A
WWCS-A-IO 200015552	X	X			X	1/2" JIC	N/A
WWCS-AG 200015554	X	X	X	X		1/2" JIC	3/8" FNPT
WWCS-AG-IO 200015564	X	X	X	X	X	1/2" JIC	3/8" FNPT

Dimensions

