

WeldCloud™ Universal Connector

Expanding the reach for welding analysis



Simple and robust, the WeldCloud Universal Connector easily connects to a welding power source and provides insight into welding operations

Industry

- Offshore
- Shipbuilding
- Commercial Vehicles
- Construction Equipment
- Pressure Vessels
- Pipe Mills
- Power Generation, Nuclear
- Construction and Infrastructure



Intuitive connection and configuration via mobile app

WeldCloud™ allows customers to connect their various ESAB welding equipment to a rich and robust online welding analytics tool. Now the **WeldCloud Universal Connector** can provide many of the same features when connecting to nearly any welding power source existing in the market today.

At ESAB, we understand customers might have many different types and brands of power sources, so running many different software packages to analyse the data is challenging and inefficient. The WeldCloud Universal Connector helps overcome these barriers by letting the Operations Manager, Service/Maintenance Manager or QA Engineer connect a diverse set of power sources to the same exact software (WeldCloud) and see all of their information in one place.

Instead of having many systems, with cumbersome extracts while managing and converting unlike data, customers can now have a one-stop-shop for accessing their welding data, regardless of the vendor make or model.

The WeldCloud Universal Connector brings about the best of two worlds: Connecting to nearly any power source in a few easy steps and WeldCloud's intuitive interface for data analysis and reporting.

- **Easy to connect:** The Universal Connector allows for connections inline to the welding power source - no reconfiguring of the existing system is required
- **Easy to configure:** Configure and connect WeldCloud Universal Connector to the WeldCloud server with **WeldCloud Link** - a mobile application for Android. WeldCloud Link brings increased levels of traceability to each weld session with barcode scanning of filler metals, gases, parts, and more. The application also allows users to easily configure new WeldCloud-enabled welding equipment. For the best experience, use with Zebra TC57 and TC77 mobile devices with IR scanner.
- **Easy to use:** The Universal Connector sends data to the WeldCloud server, providing the same streamlined interface to review the data. The system also allows the user to scan and log the types of consumables (wire, gas, etc.) and operator, job or part number, all through the mobile app

Visit **esab.com** for more information.

WeldCloud™ Universal Connector

Specifications	
Measuring Range Voltage	10 – 100 V
Measuring Range Current	400A/34V DC/AC @ 100% Duty Cycle 500A/39V DC/AC @ 60% Duty Cycle
Internal (removable) Battery	Lithium-ion, 3.7 V, 3500 mAh
Self Energy Consumption	6 W
Suitable for Welding Processes	MIG/MAG (GMAW), TIG (GTAW)
Enclosure Class	IP54
Operating Temperature	-10 to +40 °C (+14 to +104 °F)
Interface Connectors	OKC 50-95 mm, Tweco 4-MPC *
Certification Mark (Standards)	CE / CSA / FCC
Dimensions LxWxH	318 x 234 x 74 mm (12.5 x 9.2 x 2.9 in.) Sensor box 240 x 130 x 45 mm (9.4 x 5.1 x 1.8 in.) Control box (small)
Weight, incl. Cables	7 kg (15.4 lbs)

* Interface connector may vary per region

WeldCloud Features		
	WeldCloud Enabled Equipment	WeldCloud Universal Connector
Productivity		
Compare productivity by process/ welder/ part	•	•
Report arc time	•	•
Documentation		
Weld session information to determine parameter deviation	•	•
Barcode scanning to track operator, wire, gas and object	•	•
Connectivity		
Wi-Fi	•	•
Bluetooth (barcode scanning)	•	•
Connects to virtually any power source		•
3G Mobile Communication Capable	•	
Asset Management		
Set parameters for all power sources from set location	•	
Real time and historical alerts management via email	•	
Customise maintenance plans	•	
Help locate machines setting locations	•	
History data to help reduce troubleshooting time	•	

For additional information about WeldCloud please see separate fact sheet.

Ordering Information	
WeldCloud Universal Connector, OKC	0445690880
WeldCloud Universal Connector, Tweco	0445690882



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