

# Aristo® W8<sub>2</sub> Robotic Interface

The ultimate control system for the Aristo® family of power sources and feeders



Full connectivity and a broad choice of advanced fieldbus choices Aristo® W82 for connecting to DeviceNet, Profibus, CANopen, Ethernet IP and Ethercat for comprehensive Fieldbus and LAN communication. W82 is used with Aristo® Mig 4004i Pulse, 5000i and 6502c power sources.

- Enables WeldCloud™ connectivity
- Built-in web server offering a web interface with external devices
- USB connector for storing of welding and quality data
- Optimized synergic lines for robotic- and Swift Arc Transfer (SAT™) welding
- QSet™ for optimum short arc setting

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## Industry

- Automotive
- Transportation
- General Manufacturing
- Ship/Barge Building



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| Specifications            |                      |
|---------------------------|----------------------|
| Primary Voltage           | 42 VAC               |
| Supply Frequency          | 50/60 Hz             |
| Power supply (from robot) | 24 V DC              |
| Communication System      | CAN-bus              |
| Operating temperature     | -10 to +40 C°        |
| Transport temperature     | -25 to +55 C°        |
| Dimensions l x w x h, mm  | 366 x 101 x 159 mm   |
| Weight                    | 4 kg                 |
| Enclosure Class           | IP23                 |
| Standards                 | IEC/EN 60974 -1, -10 |

| Ordering Information  |            |
|---|------------|
| Aristo® W82 Fieldbus (DeviceNet)                              | 0460891881 |
| Aristo® W82 Fieldbus (Profibus)                               | 0460891882 |
| Aristo® W82 Fieldbus (CANopen)                                | 0460891883 |
| Aristo® W82 Fieldbus (EtherNet IP)                            | 0460891884 |
| Aristo® W82 Fieldbus (EtherCat)                               | 0460891885 |
| Aristo® W82 Fieldbus kit, DeviceNet (for WeldCloud machines)  | 0445501880 |
| Aristo® W82 Fieldbus kit, Profibus (for WeldCloud machines)   | 0445501881 |
| Aristo® W82 Fieldbus kit, CanOpen (for WeldCloud machines)    | 0445501882 |
| Aristo® W82 Fieldbus kit, EtherNetIP (for WeldCloud machines) | 0445501883 |
| Aristo® W82 Fieldbus kit, EtherCat (for WeldCloud machines)   | 0445501884 |

Delivery content W82 Fieldbus: PLC-Robot integration manual.

| Options and Accessories                                     |            |
|---|------------|
| Aristo® U82 Presentation Mode                               | 0460820880 |
| Aristo® U82 Plus I/O *                                      | 0460820882 |
| Extension cable U82, 7.5m                                   | 0460877891 |
| Aristo® Retrofit I/O Universal 255                          | 0461090884 |
| Interconnection cable W82 - Aristo® Mig U4000i/5000i/U5000i | 0456527885 |
| Interconnection cable W82 - Aristo® Mig 4002c/5002c/6502c   | 0462000880 |
| Interconnection cable W82 - Aristo® Mig 4004i               | 0462000880 |

Delivery content U82: 0.5 m control cable with 12p connector, complete holder and user manual. For more information see separate fact sheet.

\* Used together with Aristo® Retrofit I/O Universal 255



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