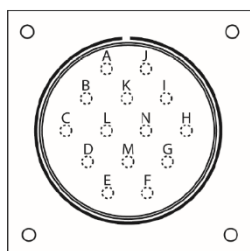


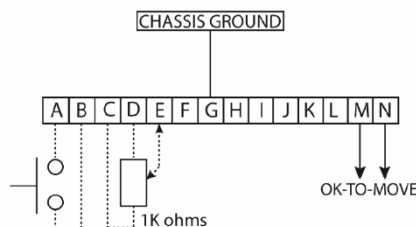


200AP, 300AP and 400M/MP Simple Automation Interface.

Interface for Fixed, hard, and Robotic automation applications include Remote Contactor ON/OFF, Remote Amperage/Voltage Control, and OK-to-Move Weld Arc ON signals.



Front view of 14-Pin
Socket Receptacle



200AP and 300AP 14Pin I/O Signals.

| Socket Pin | I/O | Function |
|------------|--------|---|
| A | Input | Torch Switch Input. To energize weld current, connect pins A & B. |
| B | Input | Torch Switch Input. To energize weld current, connect pins A & B. |
| C | Output | +10VDC signal connects to high side of 1k ohm remote control potentiometer. |
| D | GND | Zero ohm (minimum) connection to low side of 1k ohm remote control potentiometer. |
| E | Input | Wiper arm connection to 1k ohm remote control potentiometer. (0 to +10VDC signal) |
| F | N/C | Not used |
| G | GND | Internally connected to chassis ground. |
| H | N/C | Not used |
| I | N/C | Not used |
| J | N/C | Not used |
| K | N/C | Not used |
| L | N/C | Not used |
| M | Output | OK TO MOVE (current detect signal, dry contact closure to pin N) |
| N | Output | OK TO MOVE (current detect signal, dry contact closure to pin M) |

400M/MP includes 24/115VAC Auxiliary power to operate wire feeders and Current/Voltage Feedback.

For detailed operation and interface instructions see the operations manual.

Sanrex Contact Information

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Website: <https://www.sanrexwelding.com>

400M/MP 14Pin I/O Signals

| Socket Pin | Function |
|------------|---|
| A | 24VAC auxiliary high side. |
| B | Input to energize solid state contactor. (Contact closure between pin A and pin B) |
| C | 5k ohm (maximum) connection to 5k ohm remote control potentiometer |
| D | Zero ohm (minimum) connection to 5k ohm remote control potentiometer |
| E | Wiper arm connection to 5k ohm remote control potentiometer |
| F | Current feedback $I_{fb} = 100 \text{ Amps/Volt}$ |
| G | 24/115 VAC circuit common, also connected to chassis |
| H | Voltage Feedback $V_{fb} = 10 \text{ Arc Volts/Volt}$ |
| I | 115 VAC auxiliary high side |
| J | 115 VAC input to energize solid state contactor (Contact closure between pin I and pin J) |
| K | Chassis ground |
| L | Not used |
| M | Current Detect |
| N | Current Detect |