



Specifications	
	3-wire DC Sourcing
Supply Voltage	10-30VDC
Ripple	<10%
Sensing Range (embeddable)	2.0mm (.08") ±10%
Current Consumption	10mA
Voltage Drop	2.0V @ 100mA
Load Current	200mA Max. (100mA ea.)
No Load Current	<10mA
Leakage Current	<10µA
Weld Field Immune/RF Immune	Yes
Over Current Protection	Yes
Protection Class	IP67
Short Circuit Protection (SCP)	Yes
Reverse Polarity Protection	Yes
Response Time (On)	30ms
Response Time (Off)	1ms
Switching Frequency	50Hz
Temperature Drift	±15%
Hysteresis	3-8% typical, 15% max.
Connector	4-pin Single-key Euro
Operating Temperature Range	-25°C to +70°C

Ordering Information (C2000 Power Clamp Sensor Type 91)	
Description	Part Number
10-30VDC, PNP, 4-pin, Euro Connector, 100mm Leads	EE280-91100
10-30VDC, PNP, 4-pin, Euro Connector, 160mm Leads	EE280-91160
10-30VDC, PNP, 4-pin, Euro Connector, 200mm Leads	EE280-91200

LED Functions	S1	Ready	S2
Power/Ready	Off	Green	Off
Sensor # 1 - Targeted	Yellow	Green	Off
Sensor # 2 - Targeted	Off	Green	Red
Sensor # 1 SCP Tripped	Off	Flashing	Off
Sensor # 2 SCP Tripped	Off	Flashing	Off

Wiring Diagram

