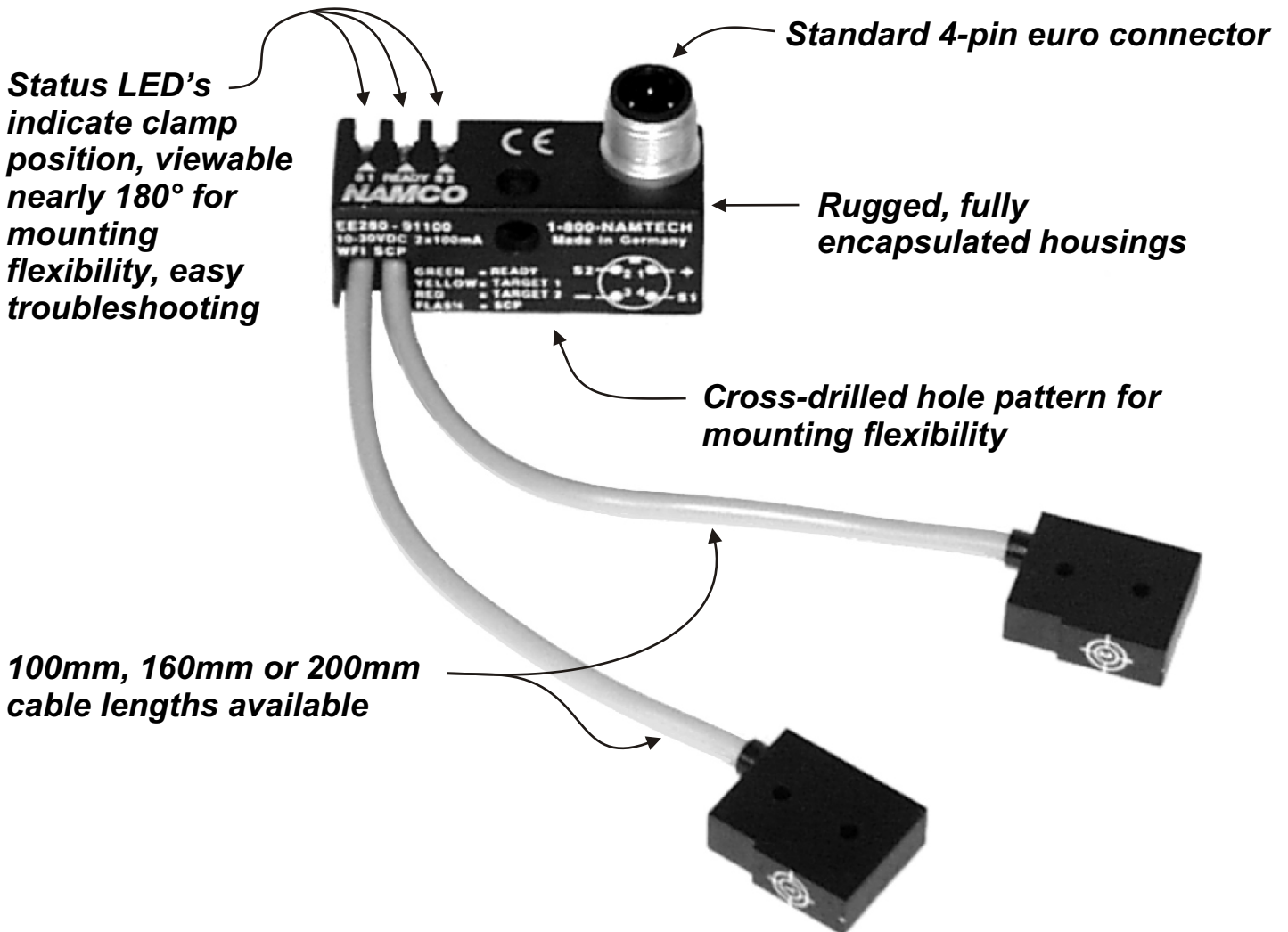


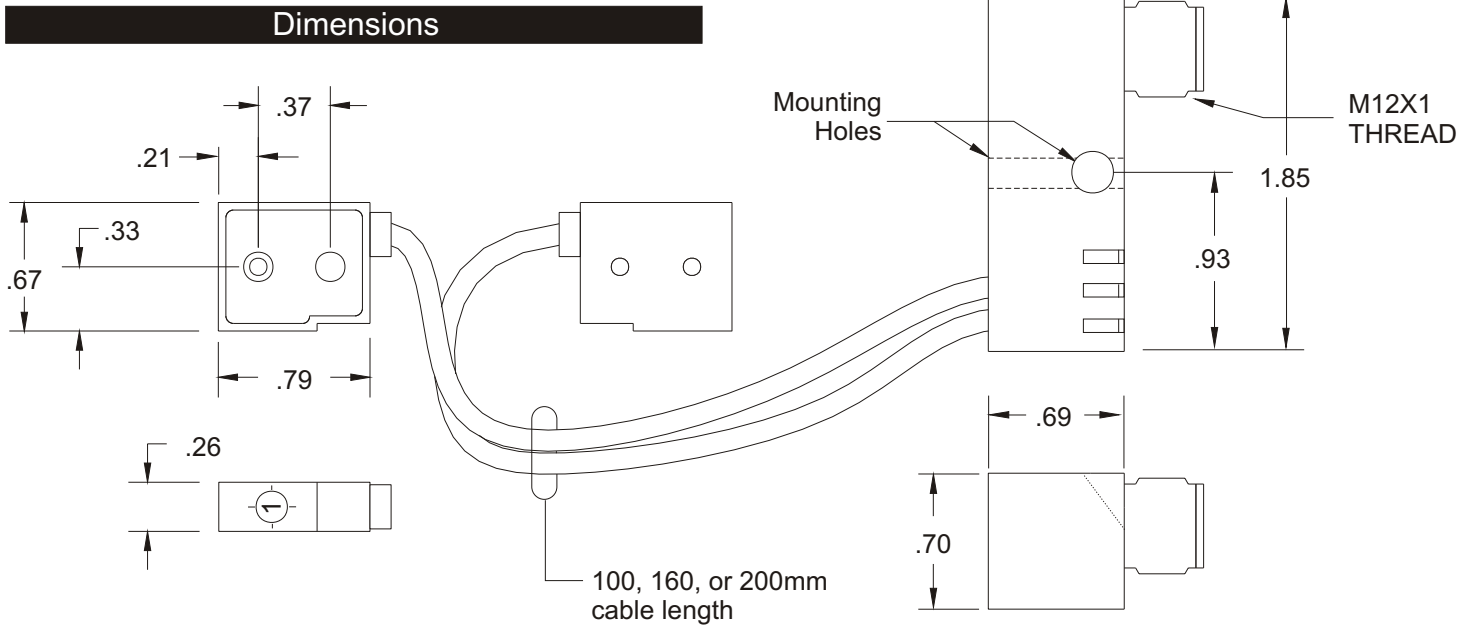


Sensor Kit for Power Clamps and Grippers

C2000™ Cylindicator® Sensor Type 91



- All Namco WFI sensors pass the NEMA noise tests and exhibit no false turn-ons from walkie-talkies or other in-plant sources of RF Noise
- Designed to fit new enclosed style power clamps from major suppliers utilizing integral sensors
- Kit senses both open and closed clamp positions
- Single cordset reduces wiring time and material costs as compared to two discrete sensors
- Two 10-30V, 3-wire DC WFI sensors, with non-latching Short Circuit Protection



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

Euro Connector
(3-wire DC N.O.)

