

E/One Sentry™

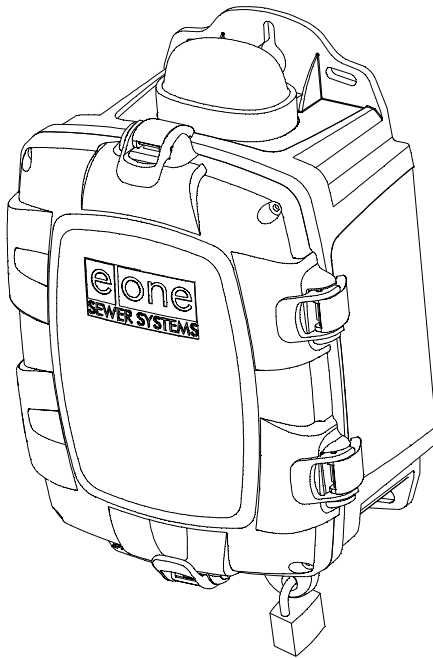
Alarm Panel — Protect Plus Package — for Explosionproof Pumps

Description

The E/One Sentry panels are custom designed for use with Environment One grinder pump stations. They can be configured to meet the needs of your application, from basic alarm indication to advanced warning of pending service requirements.

E/One Sentry panels are supplied with audible and visual high level alarms. They are easily installed in accordance with relevant national and local codes. Standard panels are approved by UL, CSA, CE and NSF to ensure high quality and safety.

The panel features a corrosion-proof, NEMA 4X-rated, thermoplastic enclosure. A padlock is provided to prevent unauthorized entry (safety front).



Features

Includes all features of the basic configuration of the E/One Sentry panel, including circuit breakers, 240 VAC service, terminal blocks and ground lugs, audible alarm with manual silence, manual run feature and run indicator, redundant “Start” function with high level alarm, safety front, conformal-coated board and overload protection, as well as.

Trouble indication that shuts down the pump temporarily in the event of an unacceptable operating condition, including:

- Brownout
- System over-pressure
- Run-dry

Predictive status display module

Pre-alarm indication for major operating parameters

Alarm indications for major operating parameters

Hour meter, cycle counter and alarm delay

LCD display and user-friendly interface

Dead front (inner door)

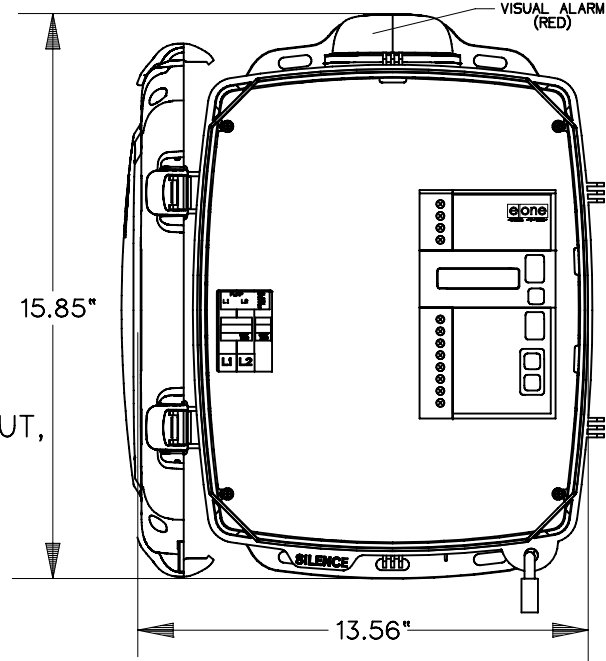
Contact group — dry, powered and Remote Sentry

Pump internal moisture detection indicator

Please consult factory for special applications.

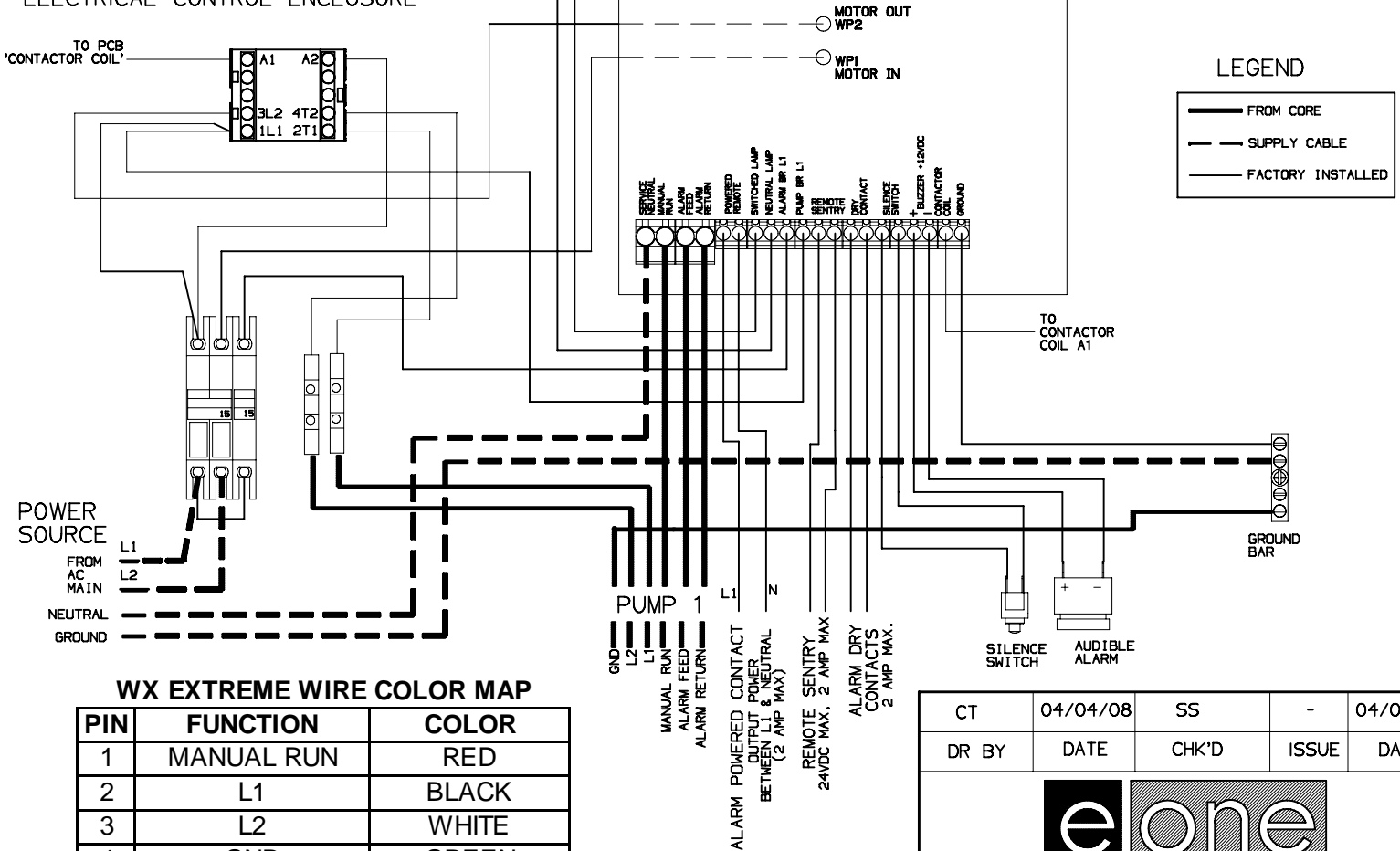
SENTRY PROTECT PLUS SIMPLEX USED WITH WX SERIES PUMP

- REDUNDANT RUN (HIGH LEVEL)
- EXTERNAL VISUAL & AUDIBLE ALARM
- REMOTE SENTRY DRY CONTACTS FOR
OPTIONAL POWER LOSS ALARM
- CORE (PUMP) LEAK DETECTION ALARM
- MANUAL ALARM SILENCE
- MANUAL RUN
- STATUS LED'S: NORMAL, PUMP RUNNING, HIGH LEVEL
- TROUBLE INDICATIONS: RUN DRY, OVERPRESSURE, BROWNOUT,
CURRENT, VOLTAGE, EXTENDED RUN TIME
- POWERED AND DRY CONTACTS
- CONFORMAL COATED CIRCUIT BOARD (BOTH SIDES)
- PADLOCK
- DEAD FRONT
- PREDICTIVE ALARMS
- REAL TIME PUMP PERFORMANCE
- ADJUSTABLE ALARM DELAY
- ADJUSTABLE RUN TIME DELAY
- HOUR/CYCLE COUNTER
- NEMA 4X ENCLOSURE ASSEMBLY



DIMENSION FROM
BACK PANEL TO
FRONT OF OPEN
DOOR = 18.02"

ENCLOSURE:
CORROSION PROOF THERMOPLASTIC
POLYESTER APPROVED BY UL FOR
ELECTRICAL CONTROL ENCLOSURE



WX EXTREME WIRE COLOR MAP

| PIN | FUNCTION | COLOR |
|-----|--------------|--------|
| 1 | MANUAL RUN | RED |
| 2 | L1 | BLACK |
| 3 | L2 | WHITE |
| 4 | GND | GREEN |
| 5 | ALARM FEED | ORANGE |
| 6 | ALARM RETURN | BLUE |

| | | | | |
|-------|----------|-------|-------|----------|
| CT | 04/04/08 | SS | - | 04/04/08 |
| DR BY | DATE | CHK'D | ISSUE | DATE |



SENTRY PROTECT PLUS
USED WITH WX SERIES PUMP
240V 60Hz DOUBLE POLE POWER

LM000377