

| WIRING DIAGRAM | LOCKNUT LN-M30 | SPECIFICATIONS |
|-----------------------------------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>OUTPUT: VN4X</p> <p>SHORT-CIRCUIT AND OVERLOAD PROTECTED</p> | | <p>OPERATING VOLTAGE 10–65 VDC</p> <p>RIPLE $\leq 10\%$</p> <p>DIFFERENTIAL TRAVEL (HYSTERESIS) 3–15% (5% TYPICAL)</p> <p>VOLTAGE DROP ACROSS CONDUCTING SENSOR ≤ 1.8 V at 200 mA</p> <p>OUTPUT FUNCTION COMPLEMENTARY OUTPUT ONE N.O., ONE N.C. (SPDT)</p> <p>TTL COMPATIBLE NO</p> <p>SHORT-CIRCUIT PROTECTED YES</p> <p>TRIGGER CURRENT FOR OVERLOAD PROTECTION ≥ 220 mA</p> <p>CONTINUOUS LOAD CURRENT ≤ 200 mA</p> <p>OFF-STATE (LEAKAGE) CURRENT $< 10\mu$ A</p> |
| | | <p>NO-LOAD CURRENT 4.0–9.5 mA</p> <p>TIME DELAY BEFORE AVAILABILITY ≤ 8 ms</p> <p>POWER-ON EFFECT PROTECTION INCORPORATED</p> <p>REVERSE POLARITY PROTECTION INCORPORATED</p> <p>WIRE-BREAK PROTECTION INCORPORATED</p> <p>PROTECTION AGAINST TRANSIENTS PER EN 60947-5-2</p> <p>OPERATING TEMPERATURE -25°C to $+70^\circ\text{C}$ (-13°F to $+158^\circ\text{F}$)</p> <p>ENCLOSURE MEETS NEMA 1, 3, 4, 6, 13 AND IEC IP67</p> <p>SHOCK 30 g, 11 ms</p> <p>VIBRATION 55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)</p> <p>LED FUNCTION YELLOW: OUTPUT ENERGIZED</p> <p>RATED OPERATING DISTANCE(S_n) 15 mm = .591" (NOMINAL)</p> <p>SWITCHING FREQUENCY 500 Hz</p> <p>REPEATABILITY $\leq 2\%$ of RATED OPERATING DISTANCE</p> <p>EMBEDDABLE (SHIELDED) NO</p> <p>MATING PLUGS/CABLES 4-PIN "EUROFAST" CONSTRUCTION</p> |
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**NOTE
PRELIMINARY
SPECIFICATIONS**

SOURCE DRAWING - FOR REFERENCE ONLY

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| | | DRFT | CBM | | |
| 1. | | DATE | 06/19/00 | DESCRIPTION | Ni15-M30E-VN4X-H1141 |
| 2. | | DSGN | SCALE | | |
| 3. | | | NONE | | |
| 4. | | | | UNIT OF MEASUREMENT | INCH [MILLIMETER] |
| | | | | IDENTIFICATION NO. | T1571590 |
| | | | | REV | P1 |
| P1 | CBM | 06/19/00 | | FILE: T1571590 | SHEET 1 OF 1 |
| REV | DESCRIPTION | BY | DATE | ECO NO. | |

NOTE: ALL TOLERANCES ± 1.0 mm.