

SCADAR™

LOGGER, CURRENT & VOLTS (LARGE)

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| IDENTIFICATION: | SCADAR™, LOGGER, CURRENT & VOLTS |
| PART NUMBER: | Y11SCAD03.00 |
| PRODUCT FAMILY: | SCADAR™ |
| DEFINITION: | STRUCTURED COMPRESSED AIR DATA ANALYSIS AND REPORT PUBLISHING |
| FUNCTION: | ADVANCED HARDWARE, SOFTWARE AND CLOUD COMPUTING SOFTWARE THAT ENABLES COMPRESSED AIR SYSTEMS TO BE QUICKLY AND EASILY AUDITED. |
| CAPACITY: | 20 SCADAR™ DATA LOGGERS (ANY VARIETY) PER SINGLE AUDIT |
| CONNECTIVITY: | BLUETOOTH, ETHERNET TCP/IP |
| SOFTWARE: | SCADAR™ EQUIPMENT: PRE-PROGRAMMED 'C' APPLICATION SOFTWARE SCADAR.NET: PRE-PROGRAMMED 'ASP.NET' APPLICATION SOFTWARE |

SIMPLIFIED COMPRESSED AIR AUDITS FROM AN INDEPENDENT NAME YOU CAN TRUST...

SCADAR™ FROM CMC OFFERS MARKET-LEADING, INNOVATIVE AND TECHNICALLY ADVANCED SOLUTIONS THAT STREAMLINE TRADITIONAL COMPRESSED AIR AUDITS. HARNESSING UNRIVALLED IN-HOUSE TECHNICAL EXPERTISE AND CUTTING EDGE DEVELOPMENT CAPABILITIES, WE WORK AS A STRATEGIC ANALYTICS PARTNER TO COMPRESSED AIR EQUIPMENT MANUFACTURERS, RESELLERS AND SERVICE PROVIDERS ACROSS EUROPE, THE US AND OTHER INTERNATIONAL MARKETS.



SEAMLESSLY INTEGRATING ROBUST HARDWARE AND SOFTWARE PLATFORMS... THE SUCCESS OF SCADAR™ HAS BEEN BUILT UPON A UNIQUE ABILITY TO SEAMLESSLY INCORPORATE OUR OWN ROBUST HARDWARE PLATFORMS WITH APPLICATION KNOWLEDGE AND A COMPREHENSIVE SOFTWARE CAPABILITY TO PROVIDE A BESPOKE SOLUTION.

SCADAR™ DATA LOGGERS INCORPORATE HIGH QUALITY SENSORS TO COLLECT AND STORE INFORMATION RELATING TO PRESSURE, TEMPERATURE, MOISTURE DEW POINT AND FLOW. IN ADDITION, OUR CURRENT AND VOLTAGE LOGGERS ENABLE TRUE POWER TO BE ACCURATELY MEASURED. 4-20MA LOGGER FOR USE OF OTHER SENSOR TYPES COMPLETES THE RANGE.

SCADAR.NET IS AN ADVANCED CLOUD COMPUTING PLATFORM THAT ENABLES USERS TO ACCESS SECURELY ENCRYPTED DATA TRANSFERRED FROM SCADAR™ EQUIPMENT USING BLUETOOTH (VIA SCADAR™ BASE STATION) & ETHERNET TCP/IP. ONLINE GRAPH & CHART WIZARD'S ENABLE DATA TO BE INSTANTLY PRESENTED IN A VARIETY OF GRAPH & CHART FORMATS, THESE CAN THEN BE SIMPLY DOWNLOADED OR USED TO PRODUCE PRE-CONFIGURED PROFESSIONAL COMPRESSED AIR AUDIT REPORTS USING THE INNOVATIVE PUBLISH WIZARD TOOLS.

SIMULATION WIZARD HELPS USERS TO ASSESS AUDITED SYSTEM EFFICIENCY BY CREATING ALTERNATIVE EQUIPMENT SCENARIOS AND COMPARING RELATIVE EFFICIENCY, THE RESULTS CAN THEN BE INCORPORATED INTO AUDIT REPORTS THAT INCLUDE FINANCIAL, ENERGY & CO² REDUCTION JUSTIFICATION OF ANY FUTURE INVESTMENTS .

IDENTIFICATION: SCADAR™ LOGGER, CURRENT & VOLTS
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PRODUCT FAMILY: SCADAR™
FUNCTION: SCADAR™ CURRENT & VOLT DATA LOGGER

LOGGER:

A / D RESOLUTION: 16 BIT
BATTERY LIFE: 2 CALENDAR YEARS OR MORE (ESTIMATED)
BLUETOOTH: 2.1 + EDR (ENHANCED DATA RATE) SLAVE DEVICE
BLUETOOTH RANGE: 10 METRES (33 FEET)
OPERATING TEMP: 0°C ~ +55°C (+32°F ~ +131°F)
POWER / BATTERIES: FOUR AA LITHIUM PRIMARY CELLS, LI/SOCI2, 3.6V, 2700MAH BATTERIES
RTC: PRECISION REAL TIME CLOCK (TEMPERATURE COMPENSATED CRYSTAL)
MAXIMUM RTC DEVIATION: 0.45 / DAY
SAMPLE CAPACITY: MORE THAN 1.4 MILLION SAMPLES (16 DAYS CONTINUOUS LOGGING)
SAMPLE FREQUENCY: 1 SECOND (FIXED RESOLUTION)
SOFTWARE: PRE-PROGRAMMED APPLICATION SOFTWARE
DIMENSIONS: LOGGER (W X H X D): 98 X 203.2 X 34.8MM (3.8 X 8.0 X 1.3 INCH)

CURRENT SENSOR:

AC VOLTAGE: RANGE: 100 V TO 700 V, ACCURACY: 1%
AC CURRENT: RANGE: 10 AMP ~ 800AMP, ACCURACY: 1%
MAX. NON DESTRUCT CURRENT: 2000A
RISE / FALL TIME < 400MS
BURDEN RESISTANCE: ≤1.8 OHM
OPERATING TEMP: -10°C ~ +50°C (+14°F ~ +122°F)
STORAGE TEMPERATURE: -40°C TO +70°C (-40°F TO +160°F)
AMBIENT TEMP.
SAFETY RATING: CAT III 600V
USEABLE FREQUENCY: 10HZ – 100 KHZ
JAW CAPACITY: 52MM (2.05 INCH)
DIMENSIONS: SENSOR (W X H X D): 111 X 216 X 45MM (4.4 X 8.5 X 1.7 INCH)
WEIGHT: SENSOR 0.65KG (1.4LBS)
CONFORMITY: IEC61010-031: 2008, IEC61010-1: 2010
DROP TEST: IEC 68-2-32 @ 1 METRE
REGULATORY MARK: CE



VOLT MEASUREMENT & TEST LEAD SET:

MEASURING DEVICE: ALLIGATOR CLIP SET (2)
 RED & BLACK PAIR OF SMALL, INSULATED, NICKEL PLATE JAWS
 BLUNT TIP GRABS ROUND SCREW HEADS UP TO 9.5MM
 CAT IV 600V, CAT III 1000 V, 10A RATING, UL LISTED
TEST LEAD SET: RED & BLACK WITH SAFETY SHROUDED, STANDARD DIAMETER BANANA PLUGS
 RIGHT ANGLE CONNECTOR ON ONE END AND STRAIGHT CONNECTOR ON THE OTHER
 REINFORCED STRAIN RELIEF
 1.5METRE SILICONE-INSULATED WIRE RESISTS HEAT & COLD
 CAT IV 600V, CAT III 1000 V, 10A RATING, UL LISTED
CONFORMITY: EN 61010-1-032, 73/23/EEC, LOW VOLTAGE (AMENDED 93/68/EEC)
REGULATORY MARK: CE, UL



ASSEMBLY:

EXTERNAL PROTECTION: POLYPROPYLENE CASE, MOLDED CUSHION INSERT
DIMENSIONS: POLYPROPYLENE CASE (W X H X D): 437 X 379 X 100MM (17.2 X 14.9 X 3.9 INCH)
WEIGHT: 2.67KG (5.8LBS)

OTHER INFORMATION:

WARRANTY: 1 YEAR RETURN TO POINT OF SALE
INFO: WWW.SCADAR.EU
SUPPORT: WWW.SUPPORT.SCADAR.EU
CLOUD SITE: WWW.SCADAR.NET

