



ALERT SYSTEMS INTERNATIONAL INC.

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PRODUCT DESCRIPTION

SAFETY CONTROLLER

EXPANDABLE UPTO 32 I/O MODULES AND CPU SAFETY INTERLOCKS
INCLUDES BRIGHT SYSTEM STATUS/ALARM LIGHT AND HARDWIRED OVER-RIDE SWITCH
WIRELESS 2.4GHz IEEE802.15.4 SPEC AND RANGE UP TO 400 FT.

BRAKE CONTROL MODULE

AVAILABLE FOR PNEUMATIC AND/OR HYDRAULIC RIGS (INCL. BAND BRAKE ACTUATION AND
INLINE HYDRUALIC DUMP VALVES)
REDUNDANT FAILSAFE CONTROL VALVE MECHANISM

WIRELESS MECHANICAL CROWNSAVER SWITCH

RUGGED ALUMINUM AND ALLOY STEEL FIXTURE FOR EXTENDED LIFE
SINGLE POINT ALARM CONDITION; SET BY CHAIN COUNTERWEIGHT LENGTH
HIGH PERFORMANCE LITHIUM BATTERY IN EXCESS OF 1 YEAR

DIGITAL REVOLUTION ENCODER AND CUSTOM ADAPTER SHAFT

DYNAPAR HS35 SERIES OR SIMILAR
STANDARD FLOOR SAVER FUNCTION PROGRAMMING
* ONLY AVAILABLE FOR DRAW-WORK TYPE RIG (PNEUMATIC BAND BRAKES)

WIRELESS SIREN ALARM AND STROBE LIGHT

HARDWIRED TO LOCAL 12V/24V POWER
RANGE OF UPTO 400 FT FROM SAFETY CONTROLLER
SET TO ALARM AT ENCODER AND/OR CROWNSAVER THRESHOLD

WIRELESS EMERGENCY KILL SWITCH

HIGH RELIABILITY INTERLOCK SWITCH, DESIGN FOR SAFETY CRITICAL APPLICATIONS, RATED
FOR 1 MILLION CYCLE LIFE
RANGE OF UPTO 400 FT FROM SAFETY CONTROLLER
HIGH PERFORMANCE LITHIUM BATTERY LIFE IN EXCESS OF 1 YEAR

50,000 LB WEIGHT INDICATOR AND 12" DIGITAL DIAL INDICATOR

MASSLOAD PREMIUM 17-4 H1150 SS LOAD CELL 5X SAFETY FACTOR
STRAIN GAGE 4-20MA OUTPUT
INSTALLED ON DEAD END BECKET W/ APPLICABLE LINKS/SHACKLE AS REQUIRED
HARDWIRED TO POWER AND 12" DIAL GAGE INDICATOR

SIMPLE DIGITAL DISPLAY

HARDWIRED TO LOCAL 12V/24V POWER
4" TO 40" DISPLAY SIZES, HIGH LUMINOSITY WATER PROOF IP65 RATING
DIAL GAUGE, NUMERICAL, AND LINE CHART DIGITAL FORMATS
SUPPRTS DIRECT CONNECTIONS TO LOAD-CELL AND/OR ANY OTHER ANALOG, SERIAL, 4-20MA
OUTPUT SENSOR
CUSTOM MOUNTING HARDWARE AVAIL.

PUMP FLOW METER

GPI FLOMEC MODEL G2 INDUSTRIAL GRADE DIGITAL FLOW METER OR EQUIV.
ALL TURBINE TYPE 4-20mA OUTPUT AVAIL.
200GPM 3,000PSI RATED CAPACITY, IN-LINE FLOW 2" NPT PORTS

PUMP/ACCUMULATOR PRESSURE SENSOR

VIATRAN MODEL 34A OR HONEYWELL MODEL 440 OR EQUIV.
STRAIN GAUGE 4-20mA OUTPUT
5,000PSI RATED CAPACITY 2" NPT PORT

WELLHEAD PRESSURE SENSOR

VIATRAN MODEL 509 OR HONEYWELL MODEL 425 OR EQUIV.
STRAIN GAGE 4-20MA OUTPUT
20,000PSI RATED CAPACITY 1502 HAMMER UNION PIN NOSE CONNECTION

TANK LEVEL SENSOR

MULTIPLE TECHNOLOGIES AVAILABLE (LASER, ULTRASONIC, HYDROSTATIC HEAD, AND FLOATS)
SELECTION IS MADE UPON TANK SURVEY

WIRELESS COMMUNICATION MODULE

BIDIRECTIONAL COMM LINK 2.4GHZ WITH SENSORS, CONTROLS AND DATA LOGGING
SUPPORTS UP TO 8 SENSORS ANALOG / DIGITAL INTERFACES INCL. 0-5V, 4-20MA, DISCRETE NO/NC SIGNALS
INTEGRATES CELLULAR/SATELLITE TRANSCEIVER FOR REMOTE DATA-LINK
ENABLES REMOTE TELEMETRY WITH LIVE TOWER SHEET DATA INCLUDING GPS FOR ADVANCED LOCATION BASED FUNCTIONS

B.O.P. RAM SENSOR

HARDWIRED TO LOCAL 12V/24V POWER
CUSTOM MOUNTING HARDWARE AVAIL.
MAY BE SET TO ALARM THE SIREN AND/OR ACTIVATE THE BRAKES AT THRESHOLD

OPERATORS DISPLAY AND SYSTEM DASHBOARD

INDUSTRIAL TOUCH-SCREEN MOUNTED ON ADJUSTABLE SWIVEL RAM-MOUNT
20" TO 50" DISPLAY MULTIPLE ASPECT RATIOS WIDE VIEWING ANGLE
AUTOMATIC WIRELESS SENSOR DISCOVERY EASY CONFIGURATION AND SAFETY CHECKS
DISPLAYS ALL SENSOR DATA INCL. B.O.P. RAM POSITION, ACCUM/PUMP PRESSURE, WELLHEAD PRESSURE, PUMP FLOW, TANK VOLUMES AND ANY OTHER CUSTOM CONNECTIONS
WATER PROOF IP65 TOUCH SCREEN DISPLAY ADDITIONAL WEATHER PROTECTION AVAIL.

NOTES:

- 1) INSTALLATION SUPPLIES SUCH AS PNEUMATIC/HYDRAULIC HOSES, ELECTRIC CABLES, FITTINGS, ETC. ARE SELECTED AFTER SURVEY TO OPTIMIZE INSTALLATION W/ EXISTING EQUIPMENT
- 2) 4 TO 6 WEEK DELIVERY (INCL. 1 WEEK INSTALLATION, SETUP, AND OPERATOR TRAINING).
- 3) ONE YEAR WARRANTY ON PARTS AND LABOR FOR ALL PRODUCTS