

**Agritronics Modular Monitor System (AMMS) Quote Request**

<b>Part#</b>	<b>Description</b>	<b>Qty</b>
<b>Basic System</b>		
SPM148MOD-KIT	Modular Starter Kit PSA+BKT+PWR+ALM	_____
SPM148BKT-KIT	Mounting Bracket + Ribbon Cable Kit	_____
SPM148PSA-12V	Power Supply Adaptor Class 2 12V 1.0A	_____
SPM148PWR-IS-1	Power Module Intrinsic Safe Volt Limit	_____
SPM147ALM-1	Panel Alarm Module with Ack Switch	_____
SPM145BIN-PKIT	Bin Module + Pressure Bin Switch Kit	_____
SPM146SHF-DKIT	Shaft Module + Magnet Disk Sensor Kit	_____
SPM147ALM-ACK-1	Remote Alarm Ack Module and Switch	_____
SPM147ALM-OREM	Outdoor Remote Alarm Kit (300 ma)	_____
<b>Options/Repair Parts</b>		
SPM079OPT-BINSW	Optical Low Bin Level Switch Sensor	_____
SPM079OPT-FLANG	Mounting Flange for Optical Bin Sensor	_____
SPM079OPT-LTUBE	Long Tube for Optical Bin Sensor	_____
SPM079OPT-SRCAP	Strain Relief Cap for Optical Bin Sensor	_____
SPM079OPT-STUBE	Short Tube for Optical Bin Sensor	_____
SPM089MAGDISK	8 Pole Magnet Disk for Slow Shaft Speed Monitor Kit	_____
SPM092ANGMTGBKT	Angle Mounting Bracket Assembly (requires machining)	_____
SPM092MAGCLP	Magnet on Clamp for SPM092SHFSEN-WD Shaft Speed Sensor	_____
SPM092MTGBKT	Mounting Bracket for Shaft Speed Sensors	_____
SPM092SHFSEN-WD	Shaft Speed Sensor Reed Sw. 2 Term. 6-32 Wire Clamp Screws	_____
SPM092SMC-KIT	Shaft Speed Sensor + Magnet on 1.0 - 2.0 dia. Clamp Kit	_____
SPM110138COV-NYL	Replacement Nylon Cover for Bin Level Pressure Switch	_____
SPM110138COV-RUB	Replacement Rubber Cover for Bin Level Pressure Switch	_____
SPM110138MTG-BKT	Mounting Bracket for Pressure Bin Level Switch	_____
SPM110138PBS	Pressure Bin Level Switch Assembly + Bracket	_____
SPM110138PBS-NYL	Pressure Bin Level Switch Assembly + Bracket + Nylon Cover	_____
SPM110138PBS-RUB	Pressure Bin Level Switch Assembly + Bracket + Rubber Cover	_____
SPM135TMP	Temperature Sensor for Micro Bin Monitor	_____
SPM145BIN-1	Bin Level Monitor Module Ver 1	_____
SPM145BIN-CKIT	Bin Module + Capacitance Bin Sensor Kit	_____
SPM145BIN-OKIT	Bin Module + Optical Bin Sensor Kit	_____
SPM145CAP-1	Capacitance Bin Level Sensor	_____
SPM145FLW-1	Acoustic flow Switch Sensor Ver 1	_____
SPM146SHF-1	Shaft Speed Monitor Module Ver 1	_____
SPM146SHF-MKIT	Shaft Module + Magnet Clamp Sensor Kit	_____
SPM147ALM-IREM	Indoor Remote Alarm Kit (12 ma)	_____
SPM175PLC-1	Programmable Logic Interface Module	_____

Part#	Description	Qty
/	Programmable over-current sensor switch (Entrelec ECS11AC)	_____
/	3/4" Eclipse Button Magnet (from Terrick)	_____
/	1 pair, 18 ga stranded wire (41 str) SJTOW Blue (per meter).	_____
/	Pressure Calibration Spring	_____
/	Replacement Microswitch Assembly	_____
/	#382 Replacement Bulbs / Lamps	_____
/	4 pair, 22ga intercom wire FT-4 (per meter)	_____
/	9 pair, 22ga intercom wire FT-4 (per meter)	_____
/	12 pair, 22ga intercom wire FT-4 (per meter)	_____
/	16 pair, 22gu intercom wire FT-4 (per meter)	_____
/	terminal strip, 8 position	_____
/	Button magnet and mounting hardware	_____
/	Omron Cats Whisker Limit Switch	_____
/	Honeywell spring Wand Switch	_____
/	Momentary toggle switch	_____
/	Canada Post Shipping Charge	_____

**Notes:**

Sensors come with mounting brackets that are suitable for most applications. For special situations, the installer will have to modify or make up brackets.

Special low temperature, fine stranded weatherproof jacketed two conductor bulk wire is provided for connection between sensors and the monitor modules. This wire has proved to be very reliable in extreme temperatures and in high vibration applications.

Because the system is Intrinsically Safe, the wiring in the hazardous dust areas is very simple. Good installation practice is to route wires so they are not subject to vibration or mechanical damage.

System installation is not included in the above prices but can be provided by a local electrician. Instructions and technical support are provided.

If necessary, at additional cost to cover expenses, Agritronics will provide a field trip to assist with setup and commissioning of the monitor system after the sensors have been installed and are wired to the monitor panel.

The warranty on sensors and modules against defects in manufacture is 2 years from the date of sale to the end owner/user. Agritronics will repair or replace a faulty sensor or module at our option. If a sensor or module is damaged during installation or in operation, then the warranty may not apply. To minimize wear damage to bin level sensors, make sure that the sensor is not in the path of flowing material. To minimize mechanical damage to shaft sensors, make sure that the sensor mounting brackets are sturdy, do not vibrate and the proper gap from the rotating magnet or magnet disk is maintained. There is no warranty from Agritronics Ltd. on wiring or installation, that is the responsibility of the owner/user. To minimize problems with wiring and installation, use low-temperature stranded flexible wire for connection to sensors, mount terminal strips and wire junctions in dry areas, and route and secure wires to avoid vibration and mechanical damage. The components of the monitor system are CSA approved as Intrinsically Safe components but it is the responsibility of the installer to ensure that suitable grounding is provided. There is no warranty as to fitness for a particular purpose, it is the responsibility of the owner/user to determine the suitability of the monitor system for his purposes. There will be no consequential liability to Agritronics Ltd. beyond repair or replacement of defective sensors or modules.