

RFx Number: 2100005197

№	Required Item	Full Description	Manufacturer & Part No	Unit	Quantity
1	IS BARRIER,7778ac,MTL	MTL7778ac Shunt-diode Intrinsic Safety Barrier		EA	2
10	SWITCH AMPLIFIER,HID2824,P+F	SWITCH AMPLIFIER, HID2824, PEPPERL & FUCHS. 4-channel isolated barrier; 24 VDC supply (bus powered); Dry contact or NAMUR inputs; 4 relay contact outputs; Line fault detection (LFD); Up to SIL 2 acc. to IEC 61508.		EA	1
11	HART MULTIPLEXER MASTER,HIDMUX2700,P+F	HART MULTIPLEXER MASTER, HiDMux2700, PEPPERL & FUCHS. 32-channel, 24 VDC supply, HART field device input (revision 5 to 7), RS-485 interface, Up to SIL 3 acc. to IEC 61508.		EA	1
12	CABLE ASSY,2101817-001,ABB	CABLE ASSEMBLY, analytical processor to termination panel, Part No 2101817-001, ABB. Length 10 inch.		EA	1
13	FLTR,REPLACEMENT KIT,2104625-001,ABB	Filter/Membrane Replacement Kit, Part No 2104625-001, ABB. Type 5 membrane, used for A+ Genie A3 liquid block sample systems 38M- 516-07-CFS, used with 2102494-001.		EA	2
14	TERMINATION BOARD,2102080-003,ABB	Power Termination Board, Part No. 2102080-003, ABB. POWER/TERM II,8200,PCBA		EA	1
15	SENSOR,CONDUCTIVITY,400-12-36,EMERSON	CONDUCTIVITY SENSOR EMERSON Rosemount, Part Number 400 - 12 - 36. TEMPERATURE: 32 – 221 DegF (0 – 105 DegC); PRESSURE: 250 psig (1825 kPa abs) maximum; Cell constant 0.1/cm; CABLE LENGTH 10 ft (3.1 m) standard; Extended insertion length: 5.5-in. (139.7 mm).		EA	2
2	CONVERTER,SHN-IPS-BHH-Z,SHINHO	SIGNAL CONVERTER SHN-IPS-BHH-Z. INPUT 4-20MA (DC24V), OUTPUT-1 4-20MA, OUTPUT-2 4-20MA, POWER AC230V/50HZ. ORDER NO: SHN-IPS-BHH-Z. SHINHO SYSTEM		EA	1
3	LCD DISPLAY,48140-01,ROTORK	LCD dual screen display, Part No 48140-01, Manufacture: ROTORK Compatible with ROTORK IQ Dual Screen Motherboard 50480-02.		EA	1
4	BARRIER,SAFETY,MTL7765AC,EATON	Shunt Diode Safety Barrier, Part Number MTL7765AC, Safety Parameters: 15V, 100 Ohm,150mA; End-to-end resistance 124 Ohm; Vmax- 12,5 V; Fuse rating - 50mA		EA	2

5	MODULE CONTROL XLS,6-CHAN,CLASS A OR B	XP6 Transponder Control Module, 6 circuits Class A or B.		EA	1
6	SPARE COIL 24VDC,3W,YO1300101B0,MAXSEAL	SPARE COIL ASSEMBLY FOR MAXSEAL SOLENOID VALVE ICO3S 1/4-3/2-AUTO, PART NO: YO1300101B0, VOLTAGE: 24VDC; POWER CONSUMPTION: 3.0 W; COIL RATING: 190 OHM; CABLE CONNECTION: M20*1.5 CONDUIT THREAD; VOLTAGE PROTECTION: SURGE SUPPRESSION DIODE FITTED AS STANDARD. MNFR: THOMPSON VALVES LTD.		EA	4
7	SOFT SPARES,YO13AO1H000-SS,MAXSEAL	SOFT SPARES FOR MAXSEAL SOLENOID VALVE ICO3S 1/4-3/2-AUTO, PART NO: YO13AO1H000-SS; SOFT SPARES: O-RINGS , SPRINGS, STEM, ETC. SEAT MATERIAL: NITRILE; TRIM MATERIAL: 316L STAINLESS STEEL. MNFR: THOMPSON VALVES LTD.		SET	4
8	TRANSMITTER PWR SUPPLY,HID2030,P+F	SMART TRANSMITTER POWER SUPPLY, HID2030, PEPPERL & FUCHS. 2-channel isolated barrier; 24 VDC supply (bus powered); 2-wire SMART transmitters or current sources; Usable as signal splitter (1 input and 2 outputs); Dual output 4 mA ... 20 mA or 1 V ... 5 V; Line fault detection (LFD); Up to SIL 2 acc. to IEC 61508.		EA	3
9	SMART CURRENT DRIVER,HID2038,P+F	SMART CURRENT DRIVER, HID2038, PEPPERL & FUCHS. 2-channel isolated barrier; 24 VDC supply (bus powered); Current output up to 750 Ohm load; SMART I/P and valve positioners; Line fault detection (LFD); Up to SIL 2 acc. to IEC 61508.		EA	2