

Part No: 17-xxx-xx		File: 17-xxx-xxRvC.xls		UMA Inc., 260 Main Street, Dayton VA 22821				Sheet: 2 of 2			
Description: 1 1/4" Pressure Switches		R A N G E S									
SPECIFICATIONS:		PART#		NAME		TYPE		PIN		Set Points	
		Supply Voltage: 10 - 30 Volts DC		17-400-10	Manifold Overboost	1	wires				
Current Rating: 2.5 A		17-400-14	Low Fuel Warning	1	wires					NC open@7.0 psi, decreasing; 35PSI max oper. Pressure	
Temperature Range: -30° C to +50° C		17-400-20	Manifold Overboost	1	wires					closure 37.0, open 35.5 In Hg.	Wire to C and NC
Pressure Fitting: 1/8"-27 NPT		17-400-20s	Manifold Overboost	1	wires					closure 38.5, open 37.3 In Hg.	Wire to C and NC
Connections:		17-400-30	Manifold Overboost	1	wires					closure 33.0 In Hg.	Wire to C and NC
Types 1 & 4:		17-400-40	Manifold Overboost	1	wires					closure 43.5, open 41.5 In Hg.	Wire to C and NC
Type 2: Red		17-400-50	Manifold Overboost	1	wires					closure 41.5, open 39.5 In Hg.	Wire to C and NC
White		17-500-10	Low Pressure Warning	2	B					open 5.6, closure 5.0 PSI&below	
Yellow		17-500-10s	Low Pressure Warning	2	B					open 10.0, closure 9.5 PSI&below	
Type 3: Red		17-500-11s	Low Pressure Warning	2	B					open 7.0, closure 6.5 PSI&below	
White		17-500-12	Low Pressure Warning	2	B					open 3.5, closure 3.0 PSI&below	
Yellow		17-500-13	Low Pressure Warning	1	wires					open 4.0 PSI	
Type 5: Red		17-500-14	Low Pressure Warning	2	A or B					close @ 8.15 psi (±.2)&below	
White		17-500-15	Low Pressure Warning	2	A					close @ 7.0 psi&below	
Yellow		17-500-16	Low Pressure Warning	1	wires					close @ 2.0 psi decreasing (max op. pressure 7.5 psi)	
Type 1: Red		17-500-17	Low Pressure Warning	1	wires					close @ 2.2 psi decreasing (max op. pressure 7.5 psi)	
White		17-500-18	Low Fuel Pressure Warning	1	wires					close @ 1.4 psi decreasing (max op. pressure 7.5 psi)	
Yellow		17-500-18S	Low Fuel Pressure Warning	1	wires					close @ 1.0 psi decreasing (max op. pressure 7.5 psi)	
Type 2: Red		17-500-19	Low Pressure Warning	1	wires					N.O./ Close@ 10 PSI & below (max op. press 80 PSI)	
White		17-500-1A	Low Pressure Warning	1	wires					N.O./ Close@ 12 PSI & below (max op. press 102 PSI)	
Yellow		17-500-20	Altitude Warning	2	A					set point @ 11,000 ft. ascent	
Type 3: Red		17-500-21	Altitude Warning	2	A					set point @ 10,000 ft. ascent (± 500 ft)	
White		17-500-22	Altitude Warning	2	A					set point @ - 11,000 Ft. Ascend, 10,000 ft. Descend	
Yellow		17-500-23	Altitude Warning	2	A					set point @ - 12,500 Ft. Ascend, 12,000 ft. Descend	
Type 5: Red		17-500-30	Altitude Warning	4	wires					NO: set point @ 10k ft Asc, 9k ft Des	
White		17-500-31	Altitude Warning	2	A					set point between 12,000 - 13,000 ft.	
Yellow		17-500-32	Altitude Warning	2	A					closure 10k ft +0/-200, re-open 9k ft +0/-1k.	
Type 1: Red		17-500-33	Altitude Warning	1	wires					NC: set point @ 10k ft +0/-200 Asc, 9k ft +0/-1k Des	
White		17-500-34	Altitude Warning	2	A					NO: Close @ 14,000' ascend (light on/reopen@12,000' to 13,000' desc.)	
Yellow		17-500-35	Altitude Warning	4	wires					NO: closes@14,750 ft +0-200ft Asc, opens@13,500 ft Desc	
Type 2: Red		17-500-36	Altitude Warning	1	wires					NC: opens@14,750 ft +0-200ft Asc, closes@13,500 ft Desc	
White											
Yellow											
P.S.: These are mechanical switches!		17-500-40	Low Suction Warning	2	A					open - 6.0, closure - 5.0 IN Hg.	
Type 1: Red		17-500-41	Low Suction Warning	2	A					off - 4.5 IN Hg, on - 3.5 InHg	
White		17-500-41s	Low Suction Warning	4	A					off - 4.5 IN Hg, on - 3.5 InHg	
Yellow		17-500-42	High Suction Warning	5	A					closure - 6.0 PSI	
Type 2: Red		17-500-43	High Suction Warning	5	A					closure - 7.0 PSI	
White		17-500-44	Low Suction Warning	4	A					on @ 3.0 InHg	
Yellow		17-500-46	High Suction Warning	4	A					increasing, close - @9.0 PSI	
Type 3: Red		17-600-01	Cabin Differential	3	H					NO, closure 6.4 PSI increasing (wired per Socata)	
White		17-600-02	Cabin Differential	2	A					NO, closure 6.0 PSI increasing	
Yellow		17-600-03	Cabin Differential	3	A					Increasing off @-7.0 PSI vacuum in diaphr.	
Type 4: Red		17-600-10	Cabin Differential	3	A					NC, open 6.4 PSI decreasing (wired per Socata)	
White		17-610-01	Cabin Differential	3	H					NO, closure 6.4 PSI increasing Adjustable (wired per Socata)	
Yellow		17-700-10	High Pressure Warning	2	A					closure 34.5 PSI - increasing&above	
Type 5: Red		17-700-11	High Pressure Warning	2	A					closure 40.0 PSI - increasing&above	
White		17-700-12	High Pressure Warning	2	A					closure 33.0 PSI - increasing&above	
Yellow		17-700-13	High Pressure Warning	1	wires					NC, open @ 8 psi (50 psi max)	
Type 1: Red		17-700-14	High Pressure LowWarnin	1	wires					closure 7.0 Psi - decreasing (max press. 50PSI)	
White		17-700-15	High Pressure LowWarnin	1	wires					closure 28.0 Psi - decreasing (max press.100PSI)	
Yellow		17-700-16	Low Fuel Press	1	wires					decreasing ON@15PSI, max op. press. 26.0 PSI	