



Diaphragm Operated Pressure Switch
Visible Setpoint Adjustment, Compact

Models Select Chart

EXAMPLE	AP	41	153		36		AP-41-153-36, Diaphragm operated pressure switch, range 1 to 20 psig (.07 to 1.4 bar), SPDT mercury switch
MODEL	AP APS APR APF APH APW APWT						General Purpose Enclosure, NEMA 1 No Enclosure Manual Reset, NEMA 1 Factory Mutual Approved (153-37, 7021-153-37 only) Explosion-proof Enclosure, NEMA 7, 9 Weatherproof Enclosure with Drain (NEMA 2, 3R) Weatherproof Enclosure (NEMA 4)
CONSTRUCTION		41 7021 8021 7041 8041					Mercury Switch, Plated Steel Pressure Port, Buna-N Diaphragm Mercury Switch, 316SS Pressure Port, Buna-N Diaphragm Snap Switch, Plated Steel Pressure Port, Buna-N Diaphragm (153, 804 only) Snap Switch, Plated Steel Pressure Port, Buna-N Diaphragm, 440V (153 only) Snap Switch, 316SS Pressure Port, PTFE Diaphragm (153, 804 only) Snap Switch, 316SS Pressure Port, PTFE Diaphragm, 440V (153 only)
CIRCUIT			2 3 26 36 88 89 152 153 804				2 Circuit 3 Circuit 26 Circuit 36 Circuit 88 Circuit 89 Circuit 152 Circuit 153 Circuit 804 Circuit
				L U			APR Manual Reset Increasing (2, 3, 26, 36, 153 only) APR Manual Reset Decreasing (2, 3, 26, 36, 153 only)
RANGE					33 36 37 39		-10 to 50" w.c. * 1 to 20 psig 1 to 30 psig 10-125 psig
OPTIONS						ATR ATW STR STW PT	Aluminum Tag (Riveted) Aluminum Tag (Wired) Stainless Steel Tag (Riveted) Stainless Steel Tag (Wired) Paper Tag

						BREATHER	Breather *
						DRAIN	Drain
						JCT	Junction Box
						PRESET	Preset and Pressure Check Set Point
						QS3	QS3 Control Certification

Note: *(1) APH with 33 range must have breather.

**See Electrical Rating Chart below.

ELECTRICAL RATING MERCURY SWITCH

CODE	CIRCUIT SUFFIX NO.	AC CAPACITY			DC CAPACITY		HORSEPOWER	
		120V	240V	440V	120V	240V	AC	DC
P	-2, -3	10A	5A	3A	10A	5A	3/4	1/3
R	-26, -36	17A at 120/240/277 VAC, Resistive balance same as above.						
S	-153	4A	2A	NA	4A	2A	1/8	NA
T	-88, -89	0.5A	0.25A	NA	0.25A	0.125A		

Specifications:-

Wetted Materials	:	Nylon reinforced Buna-N and steel. PTFE and 316 SS optional.
Temperature Limits	:	-30 to 150°F (-35 to 66°C).
Pressure Limit	:	See Catalog page.
Enclosure Rating	:	General purpose. Weatherproof and explosion-proof optional.
Switch Type	:	SPDT mercury switch or SPDT snap switch. Other switch types available.
Electrical Rating	:	Mercury switch: 4 A @ 120 VAC/DC, 2 A @ 240 VAC/DC. Snap switch: 15 A @ 120 VAC, 8 A @ 240 VAC, 0.5 A @ 120 VDC, 0.25 A @ 240 VDC.
Electrical Connections	:	Screw terminal.
Conduit Connection	:	7/8" (22.23 mm) hole for 1/2" (12.7 mm) conduit hub.
Process Connections	:	1/4" female NPT.

Mounting Orientation	:	Vertical for mercury switch models, any position for snap switch models.
Set Point Adjustment	:	External screw.
Weight	:	General Purpose: 2 lb (0.9 kg).
Deadband	:	See Catalog page.
Agency Approvals	:	CE, CSA, FM, UL. For FM consult factory. (Mercury switch units are not CE approved.)