

- · Solid-state design allows for switching in high cycle rate applications without degradation • Flame-proof ATEX enclosure with optional glass window and aluminum housing
- protects the device in hazardous areas while giving local visibility to process pressure and set point status

APPLICATIONS

- · Hazardous area pressure measurement and switching
- Pneumatic conveying
 Air conditioning systems
- Clean rooms
- Fume exhaust systems

Attention: Check local safety rules and warnings on unit and manual for a correct use of the instrument in hazardous area.

RANGE CHART													
Model Range in w.c.			Minor	Mo	Model				Range, Pa			nor Divis.	
3000-00 0 to 0.25			.005		30	3000-60 Pa							
3000-0 0 to 0.5			.01			3000-125 Pa					5.0		
3001 0 to 1.0			.02			3000-250 Pa					5.0		
3002 0 to 2.0			.05		30	3000-500 Pa			0 to 500		10.	.0	
MODEL CHART													
Example		AT2	3001	MR	-X	X	X	-A	в	1	Х	T2	AT23001MR-XXX-AB1XT2
Housing		AT2											ATEX approved Photohelic® switch/gages
Range			3XXX										Specify range by using Photohelic® model number. See range cart.
Relay				MR									Electromechanical relay
				MRS									Solid state relay
Pressure Rating					X								Standard -25 in Hg to 25 psig
					MP								Medium pressure max. static 35 psig
					HP		<u> </u>		<u> </u>	<u> </u>			High pressure max. static 80 psig
Construction						X							Standard silicone construction
Temperature							X						Standard temperature 20 to 120°F
Rating							LT						Low temperature to -20°F
Housing Material								A					Aluminum
Cover									В				Blind
									0				Glass top cover
Process										1			1/8" NPT female brass ports
Connection										2			1/8" NPT female SS ports
Overpressure											Х		Standard without overpressure relief valve
Plug											OPV		Overpressure relief valve
													Material same as ports
Tag												T2	SS information label

USA: California Proposition 65

SWITCH SPECIFICATIONS (3000MR)

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Switch Type: Each setpoint has 1 Form C relay (SPDT). Relay Contacts: (resistive load) 1 Form C rated 1.0 A @ 30 VDC, 0.3 A @ 110

VDC or 0.5 A @ 125 VAC. Gold over clad silver - suitable for dry circuits.

Switch Type: Each setpoint has a solid state relay. Switching Voltage: 20 to 280 VAC (47 to 63 Hz). Switching Current: 1.0 amp (AC) max., 0.01 mA (AC) min., (2) SPST NO.

AWARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

PRESSURE

Differential Pressure Gages/Switches, Dial