



# techsystem

automatyka klimatyzacja wentylacja

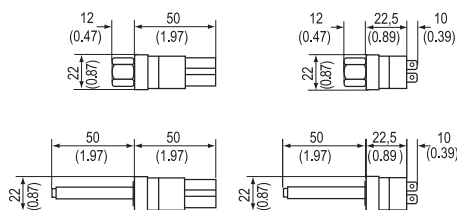
▸ zapoznaj się z naszą ofertą

### Pressure Controls

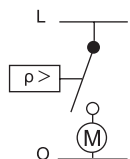
#### P100 Direct Mount Pressure Switches (1/3)



**P100  
Pressure  
Controls**



**Dimensions in mm (inches)**



**SPST-NO  
LP protection + fan-cycle**

#### Wiring

#### Description

The P100 Series are encapsulated, non-adjustable, direct mount pressure controls typically used for low and high-pressure cut-outs for OEM applications.

The P100 series are produced according to switchpoint requirements of customers.

The small dimensions, weight and protection class makes the P100 series applicable for use without the need of additional mounting brackets.

The P100 Series can be used for all non-corrosive refrigerants like R134a; R22; R404, R410A and others.

#### Features

- Compact size and light weight
- Encapsulated, dust tight switch IP67
- Broad variety of electrical and pressure connections.

#### Application

- Computer room air conditioning
- Refrigeration/ Air conditioning condensers
- Commercial refrigeration
- Ice machines
- Food service equipment

#### Auto Reset Models - Selection Table

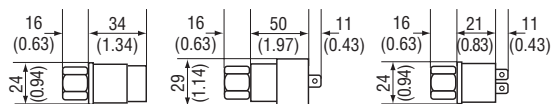
Application	Refrigerant	P (bar)		P open ± (bar) tolerance	P close ± (bar) tolerance	Connection		Electr. Termination	Switch	Ordering Codes	
		Open	Close			"1/4" SAE Fem Flare"	50 mm straight, 6 mm dia. x 7 mm reduced end, copper clad brazing tube (TIF5)				
Low Pressure Auto Reset	R134A	2,5	4	0,5	0,5	●		2 Mt.	SPST	<a href="#">P100AP-300D</a>	
	R134A	2,5	4	0,5	0,5		●	2 Mt.	SPST	<a href="#">P100AP-301D</a>	
	R407C	4	6	0,5	0,5	●		2 Mt.	SPST	<a href="#">P100AP-302D</a>	
	R407C	4	6	0,5	0,5		●	2 Mt.	SPST	<a href="#">P100AP-303D</a>	
	R404A	0,5	3	0,4	0,4	●		2 Mt.	SPST	<a href="#">P100AP-304D</a>	
	R404A	0,5	3	0,4	0,4		●	2 Mt.	SPST	<a href="#">P100AP-305D</a>	
	Normally Open	R404A	0,3	2,8	0,4	0,4	●		2 Mt.	SPST	<a href="#">P100AP-306D</a>
		R404A	0,3	2,8	0,4	0,4		●	2 Mt.	SPST	<a href="#">P100AP-307D</a>
			0,5	1,5	0,3	0,3	●		FASTON	SPST	<a href="#">P100AP-308D</a>
			0,7	2,2	0,3	0,3	●		1,2 Mt.	SPST	<a href="#">P100AP-309D</a>
		0,7	2,2	0,3	0,3	●		3 Mt.	SPST	<a href="#">P100AP-310D</a>	
High Pressure Auto Reset	R134A	16	11	0,7	1,4	●		2 Mt.	SPST	<a href="#">P100CP-102D</a>	
	R134A	16	11	0,7	1,4		●	2 Mt.	SPST	<a href="#">P100CP-103D</a>	
	R407C	24	18	0,7	1,4	●		2 Mt.	SPST	<a href="#">P100CP-104D</a>	
	R407C	24	18	0,7	1,4		●	2 Mt.	SPST	<a href="#">P100CP-105D</a>	
	R404A	28	23	0,7	0,7	●		2 Mt.	SPST	<a href="#">P100CP-106D</a>	
	R404A	28	23	0,7	0,7		●	2 Mt.	SPST	<a href="#">P100CP-107D</a>	
	Normally Closed	R410A	38	28	0,7	0,7	●		2 Mt.	SPST	<a href="#">P100CP-108D</a>
		R410A	38	28	0,7	0,7		●	2 Mt.	SPST	<a href="#">P100CP-109D</a>
			27,6	20,7	0,7	0,7	●		FASTON	SPST	<a href="#">P100CP-110D</a>
			26	20	0,7	0,7	●		2 Mt.	SPST	<a href="#">P100CP-111D</a>
		26	20	0,7	0,7		●	2 Mt.	SPST	<a href="#">P100CP-112D</a>	

### Pressure Controls

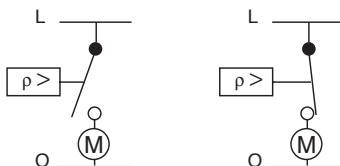
#### P100 Direct Mount Pressure Switches (2/3)



**P100  
Pressure Controls**



**Dimensions in mm (inches)**



**Wiring**

#### Description

The P100 Series are encapsulated, non-adjustable, direct mount pressure controls typically used for low and high-pressure cut-outs for OEM applications.

The P100 series are produced according to switchpoint requirements of customers.

The small dimensions, weight and protection class makes the P100 series applicable for use without the need of additional mounting brackets.

The P100 Series can be used for all non-corrosive refrigerants like R134a; R22; R404, R410A and others.

#### Features

- Compact size and light weight
- Encapsulated, dust tight switch IP67
- Manual reset models have a trip-free design
- Models with gold-plated contacts available
- Broad variety of electrical and pressure connections

#### Application

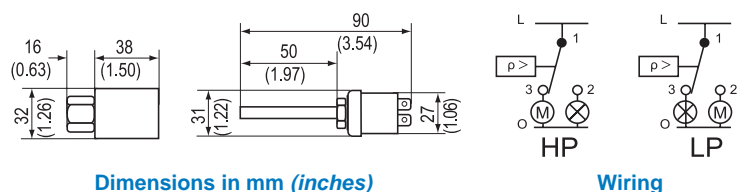
- Computer room air conditioning
- Refrigeration/Air conditioning condensers
- Commercial refrigeration
- Ice machines
- Food service equipment

#### Manual Reset Models - Selection Table

Application	Refrigerant	P(bar)		P open ± (bar) tolerance	P close ± (bar) tolerance	Connection		Electr. Termination	Switch	Ordering Codes
		Open	Close			"1/4" SAE Fem Flare"	50 mm straight, 6 mm dia. X 7 mm reduced end, copper clad brazing tube (TIF5)			
High Pressure Manual Reset	R134A	16		0,7	---	●		2 Mt.	SPST	<a href="#">P100DA-66D</a>
	R134A	16		0,7	---		●	2 Mt.	SPST	<a href="#">P100DA-67D</a>
	R407C	26		0,7	---	●		3 Mt.	SPST	<a href="#">P100DA-68D</a>
	R407C	26		0,7	---		●	3 Mt.	SPST	<a href="#">P100DA-69D</a>
	R404A	28		0,7	---	●		3 Mt.	SPST	<a href="#">P100DA-70D</a>
	R404A	28		0,7	---		●	3 Mt.	SPST	<a href="#">P100DA-71D</a>
	R410A	38		1,0	---	●		2 Mt.	SPST	<a href="#">P100DA-72D</a>
	R410A	38		1,0	---		●	2 Mt.	SPST	<a href="#">P100DA-73D</a>
	R407C	26		0,7	---	●		1,2 Mt.	SPST	<a href="#">P100DA-74D</a>
	R410A	42		0,7	---	●		2 Mt.	SPST	<a href="#">P100DA-75D</a>
	R410A	42		0,7	---		●	2 Mt.	SPST	<a href="#">P100DA-76D</a>

### Pressure Controls

#### P100 Direct Mount Pressure Switches (3/3)



Dimensions in mm (inches)

Wiring

P100 Heavy Duty Pressure Controls - Auto Reset - Selection Table

Application	Refrigerant	P (bar)		P open ± (bar) tolerance	P close ± (bar) tolerance	Connection		Electr. Termination	Switch	Ordering Codes
		Open	Close			"1/4" "SAE Fem Flare"	50 mm straight, 6 mm dia. X 7 mm reduced end, copper clad brazing tube (TIF5)			
High Pressure Auto Reset	R134A	16	11	0,7	0,7	●		2 Mt.	SPDT	<a href="#">P100EE-56D</a>
	R134A	16	11	0,7	0,7		●	2 Mt.	SPDT	<a href="#">P100EE-57D</a>
	R407C	24	18	0,7	0,7	●		2 Mt.	SPDT	<a href="#">P100EE-58D</a>
	R407C	24	18	0,7	0,7		●	2 Mt.	SPDT	<a href="#">P100EE-59D</a>
Normally closed	R404A	28	21	0,7	0,7	●		2 Mt.	SPDT	<a href="#">P100EE-60D</a>
	R404A	28	21	0,7	0,7		●	2 Mt.	SPDT	<a href="#">P100EE-61D</a>
	R410A	38	28	0,7	0,7		●	2 Mt.	SPDT	<a href="#">P100EE-63D</a>
	R410A	38	28	0,7	0,7	●		2 Mt.	SPDT	<a href="#">P100EE-62D</a>