

REFRIGERATION COMPONENTS Pressure Controls

Fixed Setting Pressure Switch

P100

Direct Mount Pressure Switch

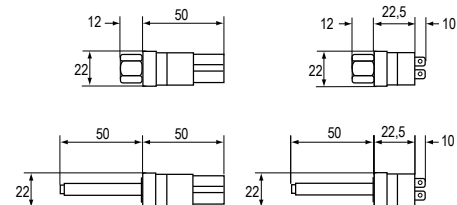
The P100 series are encapsulated, non-adjustable, direct mount pressure controls typically used for low and high-pressure cut-outs for OEM applications. The P100 series are produced according to switchpoint requirements of customers. The small dimensions, weight and protection class makes the P100 series 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, R290, R600, HFO1234, R744 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



Dimensions in mm

Auto Reset Models

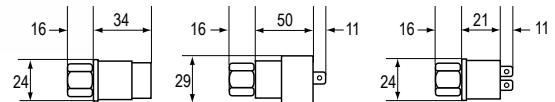
Ordering Codes	Application	Refrigerant	P (bar)		P open ± (bar) tolerance	P close ± (bar) tolerance	Connection		Electr. Termination	Switch		
			Open	Close			"1/4" "SAE Fem Flare"	50 mm straight, 6 mm dia. x 7 mm reduced end, copper clad brazing tube (TIF5)				
P100AP-300D	Low Pressure Auto Reset	R134A	2,5	4	0,5	0,5	•	---	2 Mt.	SPST		
P100AP-301D								---			•	
P100AP-302D		R407C	4	6	0,4	0,4	•	---				
P100AP-306D		R404A	0,3	2,8								
P100AP-308D	Normally Open		0,5	1,5	0,3	0,3			•		---	FASTON
P100AP-309D		---	0,7	2,2								1,2 Mt.
P100AP-310D							3 Mt.					
P100CP-102D	High Pressure Auto Reset	R134A	16	11	0,7	1,4	---	•	2 Mt.			
P100CP-103D								•			---	
P100CP-104D		R407C	24	18							---	•
P100CP-106D		R404A	28	23						•	---	
P100CP-107D		Normally Closed	R410A	38	28	0,7	0,7	•	---	FASTON		
P100CP-108D												
P100CP-110D			---	27,6	20,7					•	---	2 Mt.
P100CP-111D				26	20							
P100CP-170D	CO ₂ Transcritical	R744	140	100	6,9	6,9	---	•	1,2 Mt.			

REFRIGERATION COMPONENTS Pressure Controls

Fixed Setting Pressure Switch P100

Features

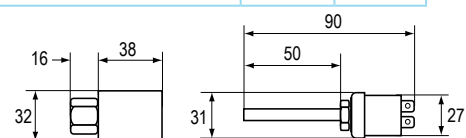
- Compact size and light weight
- Encapsulated, dust tight switch IP67
- Manual reset models have a trip-free design
- Models with gold-plated contacts available
- Broad variety of electrical and pressure connections



Dimensions in mm

Manual Reset Models

Ordering Codes	Application	Refrigerant	P (bar)		P open \pm (bar) tolerance	P close \pm (bar) tolerance	Connection		Electr. Termination (Mt)	Switch		
			Open	Close			"1/4" SAE Fem Flare"	50 mm straight, 6 mm dia. x 7 mm reduced end, copper clad brazing tube (TIF5)				
P100DA-66D	High Pressure Manual Reset	R134A	16		0,7	---	•	---	2	SPST		
P100DA-67D							---	•				
P100DA-68D							•	---				
P100DA-69D		R407C	26				---	•	3			
P100DA-70D							•	---				
P100DA-71D							---	•				
P100DA-72D		R404A	28		1,0	---	•	---	2			
P100DA-73D							---	•				
P100DA-74D							•	---				
P100DA-75D		R410A	38				0,7	---	•		---	1,2
P100DA-76D									---		•	
P100DA-77D									•		---	
P100DA-78D	R407C	26		0,7	---	•			---	2		
P100DA-79D						---			•			
P100DA-80D						•			---			
P100DA-81D	R410A	42				0,7	---	•	---	2		
P100DA-82D								---	•			
P100DA-83D								•	---			



Dimensions in mm

P100 Heavy Duty Pressure Controls - Auto Reset

Ordering Codes	Application	Refrigerant	P (bar)		P open \pm (bar) tolerance	P close \pm (bar) tolerance	Connection		Electr. Termination (Mt)	Switch
			Open	Close			"1/4" SAE Fem Flare"	50 mm straight, 6 mm dia. x 7 mm reduced end, copper clad brazing tube (TIF5)		
P100EE-17D	High Pressure Auto Reset	R404A	20	25	1,0	1,0	•	---	1,5	SPDT
P100EE-18D		R134A	15	11						
P100EE-60D	Normally closed	R404A	28	21	0,7	0,7	---	•	2	
P100EE-61D		R134A	3	25	0,35	0,35	•	---	1,8	
P100EE-68D										