

P77

Single Pressure for IP54 Applications

The P77 series pressure controls may be used for control functions or limit functions, depending on model number.

All models are provided with alarm contacts. All standard models have phosphor bronze bellows and brass pressure connections.

Models for use with ammonia are provided with stainless steel bellows and connectors.

Devices conforming to PED 97/23/EC Cat. IV (HP models) have the fail-safe function with double bellows.

Their IP54 classification means that these pressure controls are suitable for almost all applications.

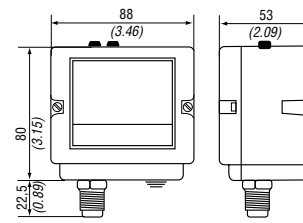
Features

- Generous wiring space
- Splash-proof enclosure (IP54)
- SPDT contacts are provided as standard on single pressure controls.
- Trip-free manual reset

Application

These pressure controls are designed for use in a variety of applications involving refrigeration high or low pressure.

Models supplied have a "whole range" design, enabling them to be used with refrigerants R22, R134A, R404A, R410A and all other non-corrosive refrigerants which are within the operating range of the control. They may also be used for other high or low pressure applications such as air, water etc. Models which can be used with ammonia are included in the program. Also models tested and approved to PED 97/23/EC Cat. IV (supersedes DIN and TUV approval) are included in the program.



Dimensions in mm



Style 5



Style 15



Style 28



Style 30

REFRIGERATION COMPONENTS

Pressure Controls

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Ordering Codes	Range (bar)	Differential (bar)	Wiring/ Action	Style	Pack.	Refr.	Additional Features	PED Approval
P77AAA-9300	-0.5 to 7	0.5 to 3	1	5	ind.	non-corr.	---	---
P77AAA-9301	-0.2 to 10	1 to 4.5			---			
P77AAA-9302	-0.3 to 2	0.4 to 1.5			Is P77AAA-9300 bulk pack			
P77AAA-9320*	-0.5 to 7	0.5 to 3			bulk			
P77AAA-9350	3 to 30	3 to 12	2	5	ind.	---		
P77AAA-9351	3.5 to 21	2 to 5.5			---			
P77AAA-9370*	3 to 30	3 to 12			bulk	Is P77AAA-9350 bulk pack		
P77AAA-9371*	3.5 to 21	2 to 5.5			Is P77AAA-9351 bulk pack			
P77AAA-9400	-0.5 to 7	0.5 to 3	1	30	ind.	---	P77AAA-9300 solder connection 1/4 "ODF	
P77AAA-9450	3 to 30	3 to 12	2			---	P77AAA-9350 solder connection 1/4 "ODF	
P77AAA-9451	3.5 to 21	2 to 5.5				---	P77AAA-9351 solder connection 1/4 "ODF	
P77AAA-9700	-0.5 to 7	0.5 to 3				15	NH3	
P77AAA-9750	3 to 30	3 to 12	---					
P77AAA-9800	-0.5 to 7	0.5 to 3	1	28	ind.	non-corr.	P77AAA-9300 solder connection 6 mm ODM	
P77AAA-9850	3 to 30	3 to 12	2				P77AAA-9350 solder connection 6 mm ODM	

Notes

* : Quantity orders only

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Ordering Codes	Range (bar)	Diff. (bar)	Wiring/ Action	Style	Pack.	Refr.	Additional Features	PED Approval	
P77 Pressure Controls Automatic Recycle (Wächter, including lockplate assy)									
P77AAW-9300	-0.5 to +7	0.5 to 3	1	---	ind.	non-corr.	---	---	
P77AAW-9301*	-0.5 to +7	0.5 to 3					Gold plated contacts; Fixed setting: Open:0,5 bar; Close: 1,25 bar		
P77AAW-9320*	-0.5 to +7	0.5 to 3			bulk		P77AAW-9300 in bulk pack		
P77AAW-9350	3 to 30	3.5 to 12	2	5	ind.	non-corr.	---	•	
P77AAW-9353*	3 to 30	3.5 to 12					Gold plated contacts; Fixed setting: Open 7 bar; Close: 11 bar		
P77AAW-9355	3 to 42	4 to 12					---		
P77AAW-9370*	3 to 30	3.5 to 12			bulk		P77AAW-9350 in bulk pack		
P77AAW-9700	-0.5 to +7	0.5 to 3	1	15	ind.	NH3	---	---	
P77AAW-9750	3 to 30	3.5 to 12	2					---	
P77AAW-9800	-0.5 to +7	0.5 to 3	1	28	ind.	non-corr.	P77AAW-9300 solder connection - 6 mm ODM	---	
P77AAW-9850	3 to 30	3.5 to 12	2				P77AAW-9350 solder connection - 6 mm ODM	•	
P77AAW-9851*	3 to 30	3.5 to 12							Gold plated contacts; Fixed setting: Open 7 bar; Close: 11 bar, with solder connection 6 mm ODM
P77AAW-9855	3 to 42	4 to 12	2					---	
P77 Pressure Controls Manual Reset LP									
P77BCA-9300	-0.5 to +7	---	1	5	ind.	non-corr.	P77BCA-9300 solder connection 1/4 " ODF	---	
P77BCA-9400				30					
P77BCA-9700				15					NH3
P77BCB-9300				5	ind.	non-corr.	P77BCB -9300 solder connection - 6 mm ODM		
P77BCB-9800				28					
P77 Pressure Controls Manual Reset HP									
P77BEA-9350	3 to 30	---	3	5	ind.	non-corr.	---	---	
P77BEA-9450				30	ind.		P77BEA-9350 solder connection 1/4 " ODF		
P77BEA-9750				15	NH3		---		
P77 Pressure Controls (Begrenzer, including lockplate assy)									
P77BEB-9350	3 to 30	---	3	5	ind.	non-corr.	---	•	
P77BEB-9355	3 to 42				bulk		P77BEB-9350 in bulk pack		
P77BEB-9370*	3 to 30			15	ind.	NH3	non-corr.		P77BEB-9350 solder connection - 6 mm ODM
P77BEB-9750									
P77BEB-9850									
P77BEB-9855	3 to 42			28	ind.	non-corr.	---		
P77 Pressure Controls (Sicherheitsdruckbegrenzer, including lockplate assy)									
P77BES-9350	3 to 30	---	3	5	ind.	non-corr.	---	•	
P77BES-9370					bulk				
P77BES-9750				15	ind.	NH3			
P77BES-9850				28	ind.	non-corr.	P77BES-9350 solder connection - 6 mm ODM		

Note

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