

P78

Dual Pressure for IP54 Applications

The P78 series pressure controls may be used for control functions or limit functions, depending on model number. All models are provided with alarm contacts (except P78ALA). 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 DIN 32733 have a double bellows on the high pressure version.

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

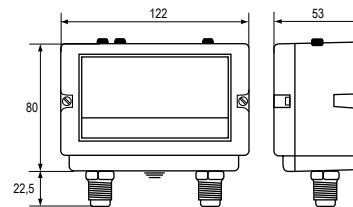
Features

- Generous wiring space
- Splash-proof enclosure (IP54)
- Trip-free manual reset
- Patented separate alarm contacts for both low pressure and high pressure cut-out (except P78ALA)

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.

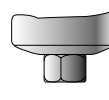
They may also be used for other high or low pressure applications such as air, water etc. Models which can be used with ammonia are included in the program. Also models tested and approved to PED 97/23/EC Cat. IV (supersedes DIN and TUV approval) are included in the program.



Dimensions in mm



Style 5



Style 15



Style 28



Style 30

P78 Dual Pressure for IP54 Applications

Ordering Codes	Range (bar)		Diff. (bar)	Wiring/ Action	Style	Pack.	Refr.	Additional Features	PED Approval
	LP	HP	LP						
P78 Pressure Controls Automatic Recycle									
P78LCA-9300	-0.5 to +7	3 to 30	0.5 to 3	1	5	ind.	non-corr.	---	---
P78LCA-9320*						bulk	---	P78LCA-9300 bulk pack	
P78LCA-9400					30	---	P78LCA-9300 solder connection 1/4 " ODF		
P78LCA-9500					35	---	P78LCA-9300 with 90 cm capillary pressure connection		
P78LCA-9700					15	NH3	---		
P78 Pressure Controls Automatic Recycle, TÜV-Wächter									
P78LCW-9300	-0.5 to +7	3 to 30	0.5 to 3	1	5	ind.	non-corr.	---	•
P78LCW-9302*							bulk	---	
P78LCW-9320*						---		P78LCW-9300 bulk pack	
P78LCW-9321*					28	ind.	---	P78LCW-9300 but set at 0 to 3 bar LP, 20 bar HP	
P78LCW-9800							---	P78LCW-9300 solder connection 6 mm ODM	
P78LCW-9801*							---	P78LCW-9800 gold plated contacts, fixed settings LP 0,3 bar; HP22,5 bar	

REFRIGERATION COMPONENTS

Pressure Controls

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P78

Dual Pressure for IP54 Applications

Ordering Codes	Range (bar)		Diff. (bar)	Wiring/ Action	Style	Pack.	Refr.	Additional Features	PED Approval
	LP	HP	LP						
P78 Pressure Controls Manual reset HP									
P78MCA-9300	-0.5 to +7	3 to 30	0.5 to 3	1	5	ind.	non-corr.	---	---
P78MCA-9400					30	ind.		P78MCA-9300 solder connection 1/4 " ODF	
P78MCA-9700					15	ind.	NH3	---	
P78 Pressure Controls Manual reset LP/Auto. Reset HP									
P78PGA-9300	-0.5 to +7	3 to 30	---	1	5	ind.	non-corr.	---	---
P78PGA-9400					30	Ind.		P78PGA-9300 solder connection 1/4 " ODF	
P78PGA-9700					15		NH3	---	
P78 Pressure Controls Manual reset LP/HP									
P78PGB-9300	-0.5 to +7	3 to 30	---	1	5	ind.	non-corr.	---	•
P78PGB-9800			---		28	ind.		P78PGB-9300 solder connection 6 mm ODM	
P78 Pressure Controls Manual reset HP (Begrenzer, including lockplate assy)									
P78MCB-9300	-0.5 to +7	3 to 30	0.5 to 3	1	5	ind.	non-corr.	---	•
P78MCB-9320*						bulk		P78MCB-9300 bulk pack	
P78MCB-9800					28	ind.		P78MCB-9300 solder connection 6 mm ODM	
P78 Pressure Controls Manual reset HP (Sicherheitsdruckbegrenzer, including lockplate assy)									
P78MCS-9300	-0.5 to +7	3 to 30	0.5 to 3	1	5	ind.	non-corr.	---	•
P78 Pressure Controls Manual reset HP/HP (Begrenzer + Sicherheitsdruckbegrenzer, including lockplate assy)									
P78PLM-9350	3 to 30	3 to 30	---	2	5	ind.	non-corr.	---	•
P78PLM-9850					Is P78PLM-9350 solder connection 6 mm ODM				
P78 Dual Fan Cycling Controls									
P78ALA-9351	3.5 to 21	3.5 to 21	---	3	5	ind.	non-corr.	---	•
P78ALA-9451					Is P78ALA-9351 solder connection 1/4 " ODF				

Note

* : Quantity orders only