f in

halstrup walcher

Measurement ranges	± 100 Pa or ± 250 Pa freely scalable within this range	
Margin of error (0.3 Pa margin of error for the reference)	± 0.5 % of max. value	
Temperature coefficient span	0.03 % of max. value/K (1050°C)	
Temperature coefficient zero point	±0% (cyclical zero-point correction)	
Overload capacity	200 x	
Medium	air, all non-aggressive gases	
Max. system pressure	10 kPa	
Sensor response time	25 ms	
Time constants	25 ms40 s (adjustable)	
Input signal humidity/temperature module (galvanically separated)	010 V, R $_{\rm i}$ = 470 k Ω 0/420 mA, R $_{\rm i}$ = 50 Ω adjustable	
Operating temperature	1050°C	
Storage temperature	-1070°C	
Power consumption	approx. 7 VA	
Weight	approx. 1 kg	
Pressure ports	for tubing NW 36 mm	
Protection class	IP65 (recessed in the wall)	
Certificates	CE	

Supply voltage

24 VDC, ± 10 % smoothed

Output

0...10 V (R $_{\rm i}$ > 2 kΩ) 0/4...20 mA (R $_{\rm i}$ < 500 Ω) adjustable

2 contact points, 6 A, 230 VAC, may be configured as desired within this pressure range

Measurement range	Α
± 100 Pa	0
±250 Pa	1

Data interface	В
none	0
PROFIBUS DP (optional) 1)	DP
RS 232 (optional)	2

1) GSD-Download at www.halstrup-walcher.de/en/software

Bus connection	С
none	0
9-pin Sub-D flush type connector 2)	D
sub-D plug with 150 mm cable	DK
round pin connector M12 with 150 mm cable	RK

²⁾ not suitable for wall thicknesses greater than 5 mm

Order code	Α	В	С
PUC24 -		_	-

Can be pre-set on request:

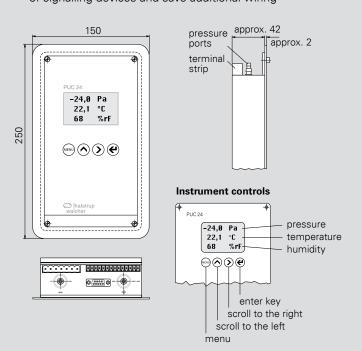
Time constant, relay parameter, analogue output, deactivation of the cyclic zeroing (only for PROFIBUS DP)

PUC24



Features

- Cleanroom panel (stainless steel) for displaying air-conditioning data
- · Integrated, high precision measurement of differential pressure
- %rH/°C transmitters switchable (independent of manufacturer)
- Optimum cleanroom design (TU Munich/Weihenstephan)
- · Solvent resistant stainless steel surface
- 3 analog outputs, optional digital interface
- Acoustic alarm when the threshold value is exceeded, acknowledgement via key
- Optical alarm signal if critical values are exceeded (cyclically inversed/normal)
- Bilingual menu (English/German) (others on request)
- 2 contact points (6 A/230 VAC)
- 2 adjustable limit switches permit the connection of signalling devices and save additional wiring





INDUSTRIE AUTOMATION GRAZ AUTALER STRASSE 55 TEL: +43 316 405 105 E-MAIL: OFFICE@IAG.CO.AT

Ing. W. Häusler GmbH A-8074 RAABA-GRAMBACH FAX: +43 316 405 105 22 WWW.IAG.CO.AT