



PA 450

2 Channel Process Display

Subtraction

Function

- ▶ different display modes to show difference or input
- ▶ simulation of contact and analogue output
- ▶ simple menu system for configuration of display, contacts, etc.

Product characteristics

- ▶ mathematical subtraction for standard transmitter with 4 ... 20 mA / 2-wire technology
- ▶ integrated transmitter power supply
- ▶ output signal 4 ... 20 mA and 0 ... 20 mA adjustable
- ▶ turn down of analogue signal 1:6
- ▶ 4-digit LED display
- ▶ robust plastic housing

Optional versions

- ▶ 3-wire-analogue output: 0 ... 10 V
- ▶ 1 or 2 contacts
- ▶ square root extraction

The process display **PA 450** has been designed for the subtraction of two independent analog signals. Due to the integrated transmitter power supply the wiring costs are considerably reduced.

The difference or the individual value of the respective transmitter is shown on the 4-digit LED display.

About the user-friendly menu system the device simply can be configured. It has functions, such as access protection, configuration of advertisement and contacts, min. / max. value memory. The set parameters are being stored in an EEPROM and are being kept also in case of power breakdown.

Optionally the **PA 450** can be reamed with one or two contacts and square root analogue signal.

Typical applications



Differential Pressure Measurement
Filter Monitoring





**Bestellschlüssel PA 450
ordering code PA 450**

PA 450



Standardversion		Standard version					
		8	5	4			
Schaltausgang		Contact					
kein Schaltausgang		without contact				0	
1 PNP-Ausgang		1 PNP-contact				1	
2 PNP-Ausgänge		2 PNP-contacts				2	
Analogausgang		Analogue output					
4 ... 20 mA / 3-Leiter		4 ... 20 mA / 3-wire				7	
0 ... 10 V / 3-Leiter		0 ... 10 V / 3-wire				3	
andere		customer				9	
Beschriftung der Anzeigen		Label on display					
Neutral		neutral				N	
andere		customer				9	
						auf Anfrage	
						consult	
Preise EXW Thierstein, ausschl. Verpackung							

Die Angaben dieses Dokuments enthalten die Spezifikation der Produkte, nicht die Zusicherung von Eigenschaften. Ausführliche Informationen zu den Bestelloptionen können dem Datenblatt entnommen werden. Technische Änderungen vorbehalten.

This document contains product specification; properties are not guaranteed. Detailed information about options are defined in the datasheet. Subject to change without notice.