

## Type 497

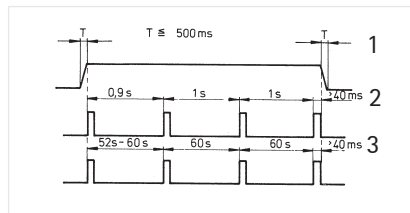


### FUNCTION DESCRIPTION

### TECHNICAL DATA

## Pneumatic Preset Time Counter

- Preset value continuously visible
- Integrated pneumatic reset
- 3 or 5-digit display
- Convenient button setting



- 1 = x-input  
2 = seconds timer  
3 = minutes timer

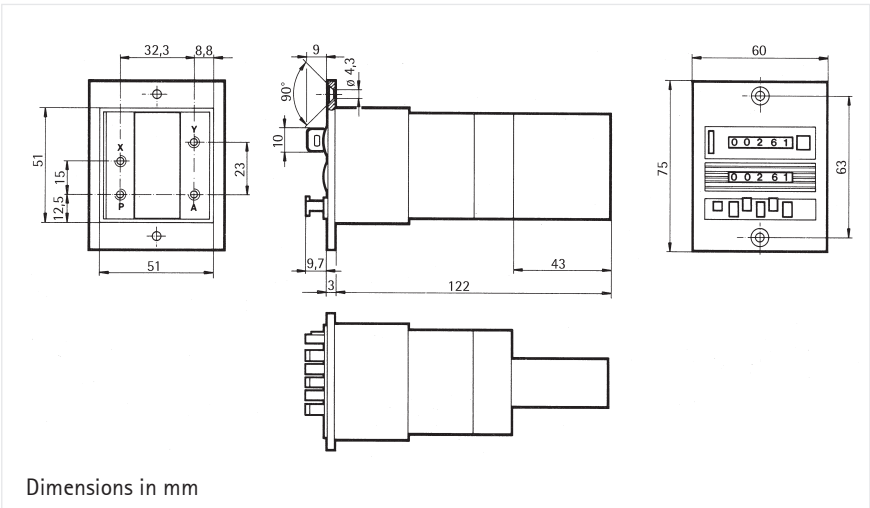
The combination of a pneumatic minutes or seconds pulse generator and a pneumatic preset counter allows setting of times from 1 to 99999 s or 1 to 99999 min. Versions with automatic reset permit fully automatic timing sequences.

Display	3 or 5-digit indication of count and preset value
Digit height	4 mm
Service pressure	2 ... 6 bar
Air quality	oilfree
Filter pore width	< 40 µm
Operating temperature	0 ... + 60 °C
Connection	hose coupler M5 or rapid-fit connection
Mounting	with front panel
Protection class (IEC 144)	IP 40 with hoses connected; for higher degree of protection we recommend transparent covers
Weight	approx. 150 g, with automatic reset module approx. 200 g
Count input	adding
Resolution	0.01 h, minute or second, dep. on version
Max. counting frequency	20 Hz
Time deviation	max. 15 % in the first second or minute
Frequency error	1/min. 0.5 %; 1/s 2 %
Reset	- manual with button - by external pneumatic signal, min. pulse length 180 ms - automatic reset after preset has been reached (only in version with automatic reset)
Reset frequency	max. 1 per 2 s
Signal output	
Signal duration	from when preset has been reached until reset; counter with automatic reset 300 ... 340 ms
Switch A	is ventilated with intake air during signal generation
Signal generation	transition P to A

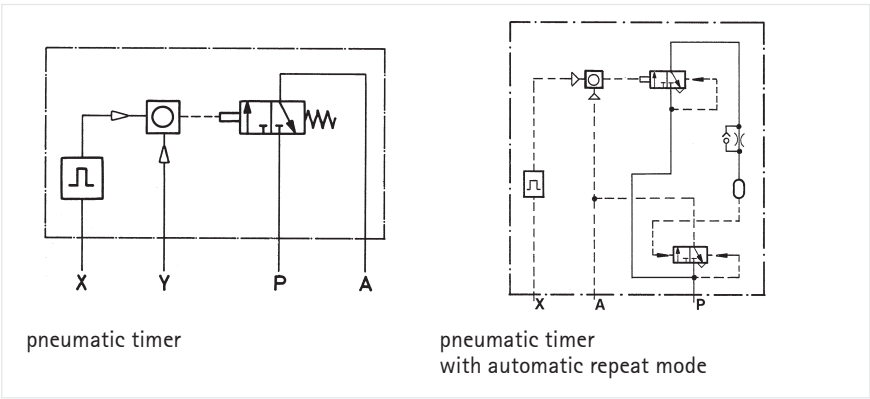
# Technical data

# Type 497

## DIMENSIONED DRAWING



## CONNECTION DIAGRAM



X = air intake timing element  
Y = pneumatic reset

P = air intake  
A = output signal

## ORDER INFORMATION

Preset time counter

Standard accessories

Version		Hose coupler M5	Rapid fit connection
3-digit,	second indication	0 497 621	0 497 620
	minute indication	0 497 622	–
5-digit,	second indication	0 497 652	0 497 653
	with automatic reset	0 497 665	0 497 663
5-digit,	minute indication	0 497 654	0 497 655
	with automatic reset	0 497 666	0 497 664
Transparent cover as described under "Accessories"			
with key			1 405 614
with knob			1 405 613
Fittings M5 for hose M5 x 1			3 641 733