

Type 497



Subtracting Pneumatic Preset Counter

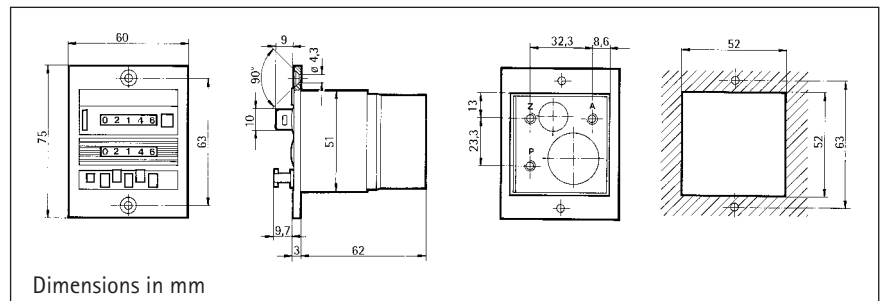
- Integrated pneumatic reset
- 3 or 5-digit display
- Convenient button setting

TECHNICAL DATA

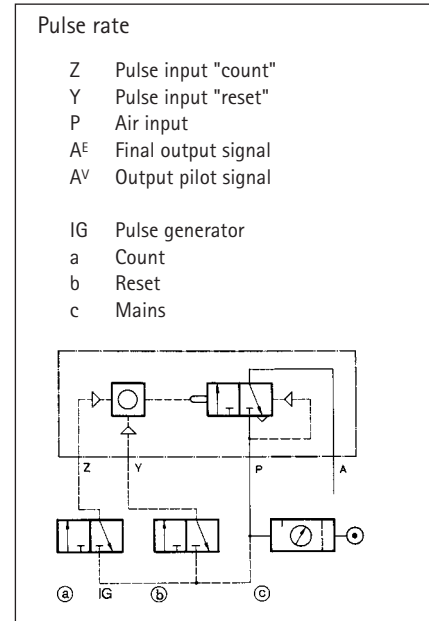
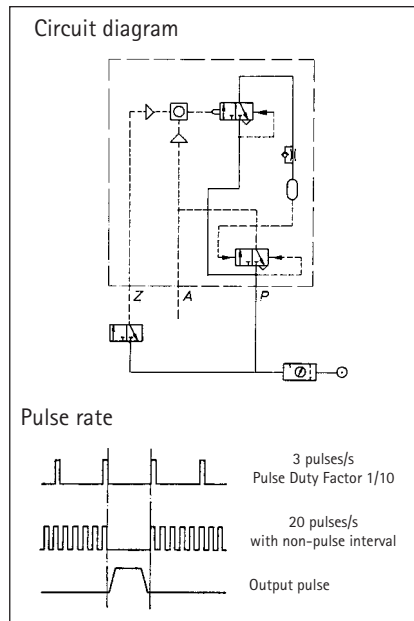
Display	3 or 5-digit count indication, depending on version
Digit height	4 mm
Service pressure	2 ... 8 bar
Air quality	oilfree
Filter pore width	< 40 µm
Operating temperature	0 ... +60 °C
Connection	hose coupler M5 or rapid-fit connection (depending on version)
Mounting	front panel
Mounting position	horizontal roller axis
Protection class (IEC 144)	IP 40 with hoses connected; for higher degree of protection we recommend clear covers
Count input	subtracting
Min. pulse length	8 ms
Max. counting frequency	20 Hz
Pulse duty factor	1:1
Reset	- manual with button - by external pneumatic signal, Min. pulse length 180 ms
Reset frequency	max. 1 per 2 s
Signal duration	from when preset has been reached until reset; at 6 bar, counter with automatic reset 300 ... 340 ms (depending on connected volume and service pressure)

Attention! Minimum time period between last count pulse and pneumatic reset is 50 ms.

DIMENSIONED DRAWING



CONNECTION DIAGRAMS



Order information

Counter

Standard accessories

Connection	Button and pneum. reset	
	3-digit	5-digit
Hose coupler M5	0 497 530	0 497 550
Rapid-fit connector	0 497 532	0 497 552
Transparent cover (description see "Accessories")		
with knob		1 405 613
with lock		1 405 614
Fittings M5 for hose M 5 x 1		3 641 733
Connection kit M5/R 1/8"		1 495 089*

* on request