

## Pneumatic adding counter for panel mounting

without reset

### Type PZA-E-KR-C



8-digit

without pneumatic reset

### Type PZA-E-OR-C



6-digit

with pneumatic reset

### Type PZA-E-C



6-digit

Adding counters have 6 or 8 digit displays and count upwards, i.e. incoming signals are added. When the counter is reset, the figure 000000 or 00000000 appears.

A pneumatic signal switches the counter one half step and the first half of the digit appears. After completion of the signal, the second half step takes place and the digit becomes wholly visible.

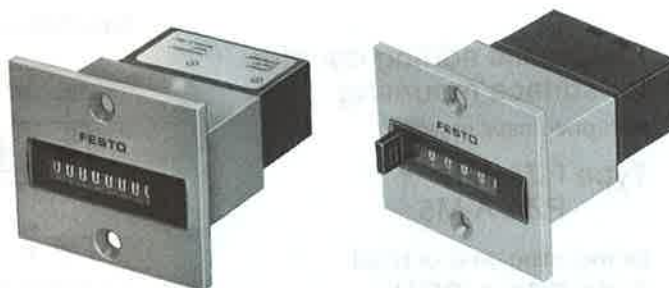
The counter can be manually reset by means of a button. In addition, the PZA-E-C can also be reset pneumatically by means of a compressed air signal. During the resetting procedure, no counting signal may arrive or be present.

#### Accessories:

Protective cover with screwed knob  
Type PZ-SK-1

Protective cover with lock  
Type PZ-SS-1

For protective cover see Sheet 3.285



#### Counting rate

Maximum pulse rate

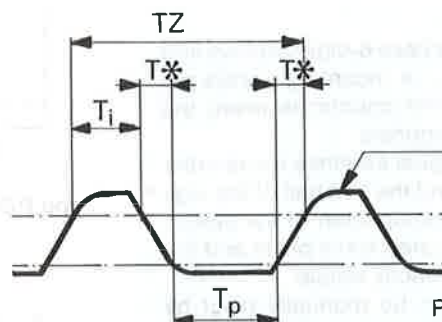
$$= \frac{1}{TZ}$$

$$TZ = T_i + T_p + T^*$$

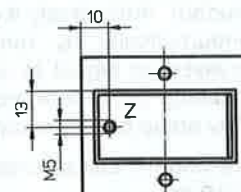
Counting pulses

Response pressure  
> 0.8 bar

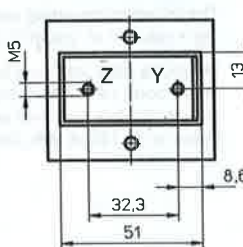
Fall-off pressure  
< 0.15 bar



PZA-E-KR-C  
PZA-E-OR-C

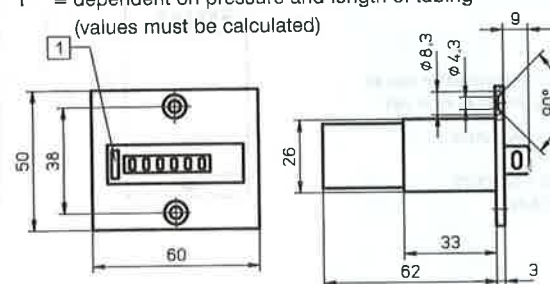


PZA-E-C



Z = counting signal  
Y = reset signal

- $T_i$  = min. pulse duration
- $T_p$  = min. pause duration
- $TZ$  = time for counting pulse
- $T^*$  = dependent on pressure and length of tubing  
(values must be calculated)



① Reset button

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Order code	Part No./Type	11906 PZA-E-KR-C	8607 PZA-E-OR-C	8606 PZA-E-C
Medium		Compressed air, filtered, unlubricated		
Design		Mechanical counter with pneumatic actuation		
Mounting		Front panel mounting		
Display		8-digit	6-digit, height of figures 4 mm	
Reset		—	Pushbutton	Pushbutton or pneumatic signal
Connection		M 5		
Pressure range		2 to 8 bar		
Response pressure	count	> 0.8 bar		
	reset	—		
Release pressure	count	< 0.15 bar		
	reset	—		
Min. pulse duration	count	8 ms		
	reset	—		
Min. pause duration	count	10 ms		
	reset	—		
Temperature range		0 to +60 °C		
Material		Housing: plastic		
Weights		0.073 kg	0.082 kg	0.086 kg