

# AP 116 Timer Control



- Precise timing of vibration
- 24V DC or 230V
- Pneumatic control
- Adjustment exact to the second
- Dust and water-splash protected
- Can be integrated with other equipment

The best solution for precise timing control for electric and pneumatic vibrators

Ensures that vibrations is only activated when required for the application

AP 116 and PAP timer controls can easily be integrated with other equipment or used as a stand-alone solution



Pneumatic PAP 115



Pneumatic PAP 116

# AP 116 Timer Control

## AP 116

### Applications

The electronic timer AP 116 is used for controlling pneumatic and electric vibrators.

The advantages for timing vibration, can be reduced noise level and energy consumption, and less stress on the equipment.

### Function

The AP 116 electronic timer control can be used for activating a electric solenoid or a motor overheating protection at a programmed intervals.

The timing-sequence starts with a duty timing, which can be adjusted for 1 second to 99 hours.

Then the a paused timing will start for 1 second to 99 hours.

The timing and elapsed time will be shown on the illuminated display.

### Note:

AP 116 can only handle a single current, if the AP 116 timer control is having 24V DC input, then it can only create a 24V DC output current.

The AP 116 can operate with 24V DC or 230V AC

## PAP 115 & PAP 116

### Applications

The PAP pneumatic timer controls is very suitable for pneumatic vibrators or PKL impactors, and be continuously adjusted

### Function

Activation (on / off) with a directional pneumatic valve.

The PAP timer control can activate all directional valves, but do not have enough power for direct activation of the pneumatic vibrator or PKL impactor.

Be ensure to provide a adequate sized actuation valve for the chosen pneumatic vibrator.

The pause timing can be adjusted exactly to the second.

Use only filtered compressed air (  $\leq 5 \mu\text{m}$  ) and constant pressure.

Copenhagen Vibrator Products ApS can supply all necessary pneumatic accessories and equipment for correct installation.

Type	AP 116	PAP 115	PAP 116
Operation Mode	Electric, none-contact	Pneumatic	Pneumatic
Adjustment	Digital	Analog	Analog
Duty Time	99 hours 59 min. 59 seconds	3 to 180 seconds (down)	3 to 180 seconds (down)
Pause Time	99 hours 59 min. 59 seconds	3 to 180 seconds (up)	3 to 100 minutes (up)
Switching Current	AC / DC 1,25 A		
Own consumption	2 VA (Operation) 0,25 VA (Standby)		
Input / Output	AC 90V -240V (50/60 Hz) DC 24V -48V $\pm 5\%$	1/8" Connection	1/8" Connection
Operation Pressure		Minimum 3 Bar	Minimum 3 Bar
Ambient Temperature	-20°C til +60°C	-10°C til +60°C	-10°C til +60°C
Protection Class	IP65	IP66	IP66
Cabinet	Polycarbonate	Aluminium	Aluminium

