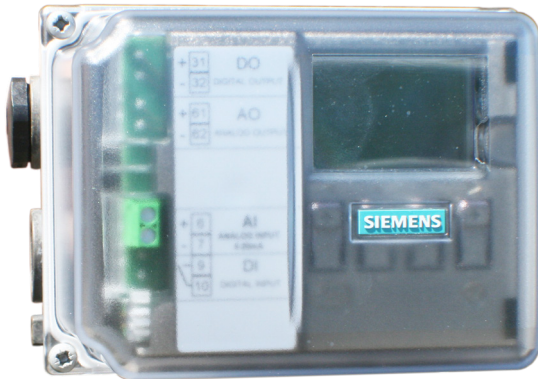


# ELECTRO-PNEUMATIC POSITIONER - SIPART

## TYPE 5421 - PS100



### GENERAL

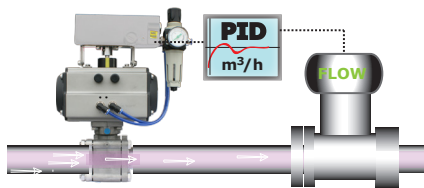
INPUT SIGNAL:	4 - 20 mA, TWO-WIRE TECHNOLOGY (12 - 30 V)
ROTATION:	90°
STROKE RANGE:	10 - 130 MM
SUPPLY AIR:	1.4 - 7 BAR (20.3 - 101.5 PSI)
AIR QUALITY:	ISO 8573-1 CLASS 3
AMBIENT TEMPERATURE:	-20°C TO +80°C
HOUSING:	ALUMINUM
PROTECTION CLASS:	IP66

### OPTION

POSITION FEEDBACK:	ANALOG (4 - 20)mA
ACCESSORIES:	FILTER REGULATOR (DVC TYPE 5412)

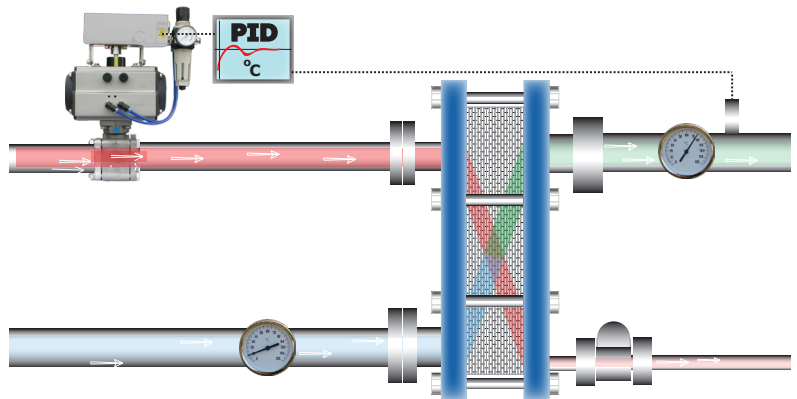
### EXAMPLES OF APPLICATION

Flow control

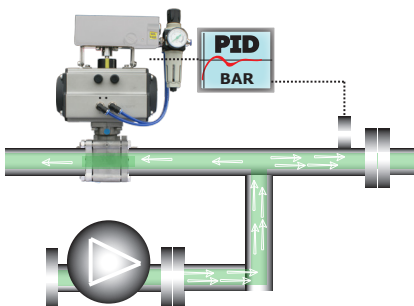


Temperature control on a heat exchanger.

Media type: Steam, hot water, hot oil, ice water, glycol etc.



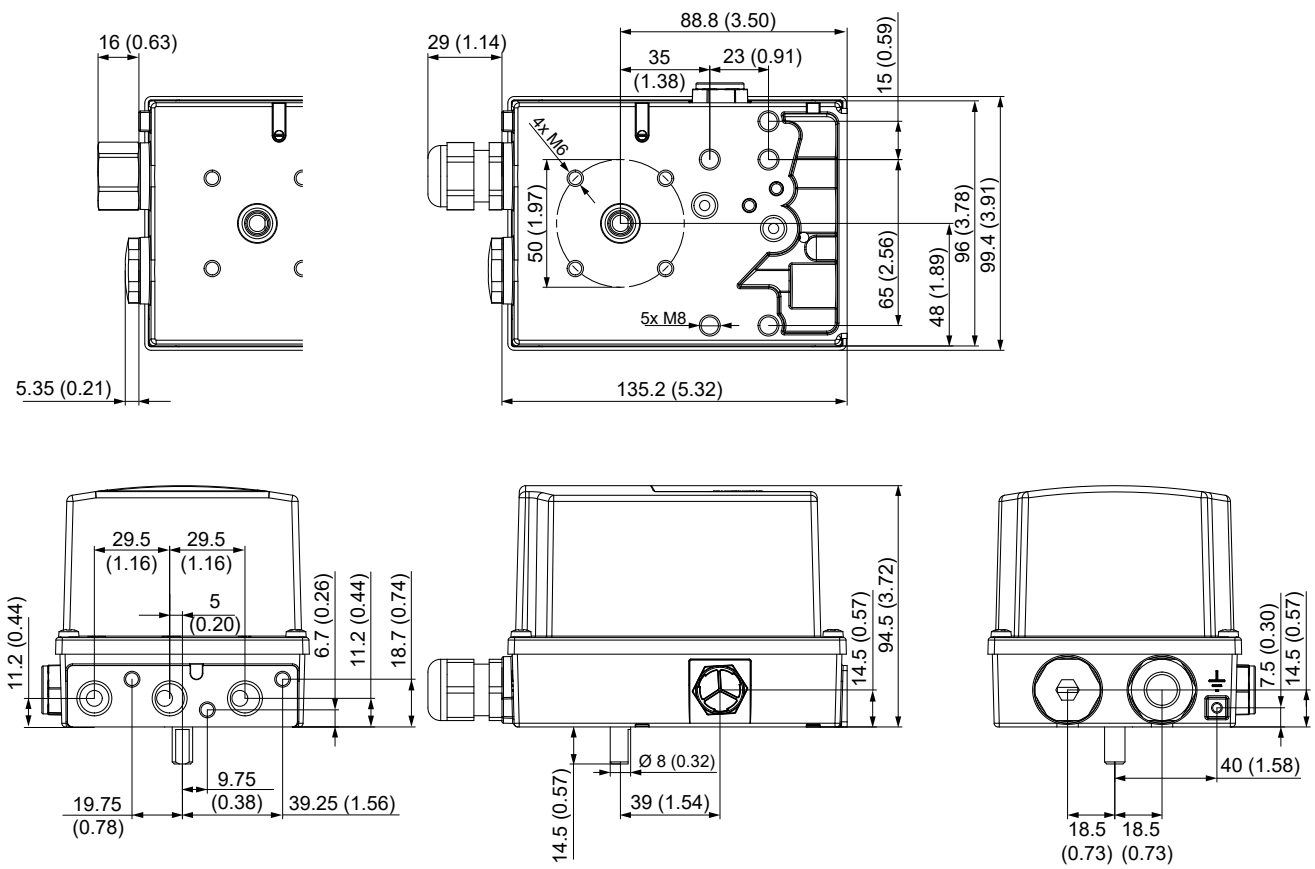
Pressure control / bypass valve



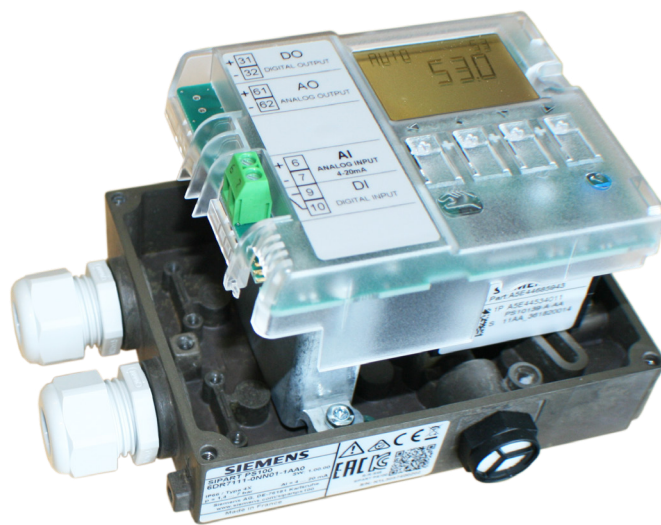
### DESCRIPTION

- Electropneumatic positioner for control valves.
- Easy initialisation - only needs one touch.
- This positioner can be used for the same valve types as Type 5410. The positioner is a good alternative price wise where no options for diagnosis or add-on cards are available.
- Optimised algorithm for extremely fast and accurate positioning.
- Robust design and function.
- Flapper - Nozzle principle  
Advantages:  
Less sensitive to dirt in the supply air.  
Less sensitive to oil and water remains in the air.  
Less sensitive to vibrations.  
Regulates on low supply air.
- Only needs to pull one cable (2 wires), as it operates on 3,6 mA.

## DIMENSIONS



DIMENSIONS IN MM (INCH).



TYPE 5420 WITHOUT TOP.