



Automation Progetti



- ITALIAN MANUFACTURER -
since 1975
PROCESS CONTROLLER

AP105 R1 - R2 - PID



COMMON TECHNICAL DATA

MANUFACTURER	: Automation Progetti	Humidity	: 4 ÷ 95 % (non condensing)
Version	: industrial; microprocessor based (C-MOS), with non-volatile memory (EEPROM)	Power supply	: std 220/110 Vac ± 10 % (2,5W) on request 24 Vac - 24 Vdc
Mounting	: on panel	Dimensions	: 48 x 96 depth 140 mm (Din 43700)
Programming keyboard	: with anti-dust membrane	Burn-in	: 120 hours
Frontal protection	: IP55	MBTF	: 100,000 hours
Connections	: by pull-out terminal block		
Ambient temp.	: -15 ÷ 60 °C		

ON-OFF ONE-POINT CONTROLLER

Model	: AP105-R1
Input	: standard 4 ÷ 20 mA (see optionals) complete of power supply (24Vdc) for passive transmitters technical two wires
Precision	: 0,1% f.s.
Visualization	: 4 digits (9999) h=13,2 mm measure / set point / hysteresis (dead band) in engineering units or % programmable zero, range and decimal point
Set point	: N° 1 programmable on the full scale
Hysteresis (dead band)	: N° 1 bilateral
Alarm	: N° 1 visualized on led (min or max)
Digital outputs	: N° 1 for regulation with relais (250Vac - 1A) N° 1 for alarm with relais 250Vac - 1A
OPTIONALS	: a) input from da PT100 / PT500 / Term.J-K 0 ÷ 1Vdc / 0 ÷ 5Vdc / 0 ÷ 10Vdc b) square root extraction on input signal c) repetition in output of the linear or linearized input signal with loss of the alarm output

PID CONTROLLER

Model	: AP105-PID
Input	: standard 4 ÷ 20 mA (see optional) complete of power supply (24Vdc) for passive transmitters technical two wires
Precision	: 0,1% f.s.
Visualization	: 4 digits (9999) h=13,2 mm measure / set point / PB / IT / DT in engineering units or % programmable zero, range and decimal point
Set point	: programmable on the full scale
Proportional band	: 0 ÷ 400 %
Integral time	: 0 ÷ 1000 sec.
Derivative time	: 0 ÷ 320 sec.
Output	: active 4 ÷ 20 mA (max load 350 Ohm)
Alarm	: N° 1 visualized on led (min or max)
Alarm outputs	: N° 1 with relais (250Vac - 1A)
OPTIONALS	: a) input from PT100 / PT500 / Term.J-K 0 ÷ 1Vdc / 0 ÷ 5Vdc / 0 ÷ 10Vdc b) square root extraction on input signal

ON-OFF TWO-POINTS CONTROLLER

Model	: AP105-R2
Input	: standard 4 ÷ 20 mA (see optionals) complete of power supply (24Vdc) for passive transmitters technical two wires
Precision	: 0,1% f.s.
Visualization	: 4 digits (9999) h=13,2 mm measure / set point / hysteresis (dead band) in engineering units or % in engineering units or % programmable zero, range and decimal point
Set point	: N° 1 programmable on the full scale
Hysteresis (dead band)	: N° 1 bilateral
Digital outputs	: N° 2 for regulation with relais (250Vac - 1A)
OPTIONALS	: a) input from PT100 / PT500 / Term.J-K 0 ÷ 1Vdc / 0 ÷ 5Vdc / 0 ÷ 10Vdc b) square root extraction on input signal

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Italian version	
English version	X

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