

Proportional pressure controller.

OPERATIONAL BENEFITS

1. Reliable operation, using two MAC 34 Series with balanced poppet.
2. Low power consumption.
3. Rugged enclosure.
4. Not affected by vibrations.
5. Accuracy : $\pm 1.5\%$ full scale or $\pm 0.5\%$ (upon request).
6. Can be stand alone or used in combination with our remote air sandwich regulators.
7. Analog command signal and output.
8. No hysteresis (compensated).



HOW TO ORDER

Reset

PPC5A-ABA-AGAB-XXX-**ZZ***

Pressure range	Command signal	Standard	Analog and logic outputs
0 - 7 bar	0 - 10 V	PPC5A-ABA-AGAB-BAA- ZZ	PPC5A-ABA-AGAB-BBB- YY
	4 - 20 mA	PPC5A-ABA-AGAB-DAA- ZZ	PPC5A-ABA-AGAB-DBB- YY
0 - 4 bar	0 - 10 V	PPC5A-ABA-BGAB-BAA- ZZ	PPC5A-ABA-BGAB-BBB- YY
	4 - 20 mA	PPC5A-ABA-BGAB-DAA- ZZ	PPC5A-ABA-BGAB-DBB- YY
0 - 2 bar	0 - 10 V	PPC5A-ABA-CGAB-BAA- ZZ	PPC5A-ABA-CGAB-BBB- YY
	4 - 20 mA	PPC5A-ABA-CGAB-DAA- ZZ	PPC5A-ABA-CGAB-DBB- YY

Connector/ Wire length	1 m ZZ	2 m ZZ	4 m ZZ
MINI 4 PIN	BB	BD	BE
MICRO 4 PIN	EB	ED	EE
Flying leads (4 flying leads)	HB	HD	HE

Connector/ Wire length	1 m YY	2 m YY	4 m YY
MINI 6 PIN	CB	CD	CE
MICRO 6 PIN	FB	FD	FE
Flying leads (6 flying leads)	JB	JD	JE

* Other options available. Consult factory.

OPTIONS

PPC5A-ABA-AGAB-BAA-**ZZ**

└ B: external sense.

**TECHNICAL
D A T A**

GENERAL DATA

Ambient temperature :	0 to 50°C
LED indicators :	Red : power on Green : pressure achieved
Enclosure :	Aluminium
Port size :	G 1/8", 1/8" NPT Option : bottom ports
Protection :	IP 54

PNEUMATICAL DATA

Flow :	40 NI/min (C _v 0.04), 80 NI/min (C _v 0.08)
Fluid :	Compressed air, inert gases
Pressure range :	1 to 8 bar
Output pressure :	0 to 7 bar, 0 to 4 bar, 0 to 2 bar
Accuracy :	± 1,5 % full scale or ± 0.5 % if requested
Hysteresis :	none (compensated)
Linearity :	~ 0,75 %
Repeatability :	~ 0,75 %
Leak rate :	25 cm ³ /min

ELECTRICAL DATA

Supply voltage :	18 to 28 V=
Supply current :	50 to 275 mA
Command signal :	0 - 10 V, differential 4-20 mA, differential
Impedance :	4,99 k Ω ± 1% (0-10 V) 312 Ω ± 0,1 % (4-20 mA)
Analog output :	0 - 10 V
TTL output (NPN) :	0-5 V (Low = pressure achieved)

D I M E N S I O N I

