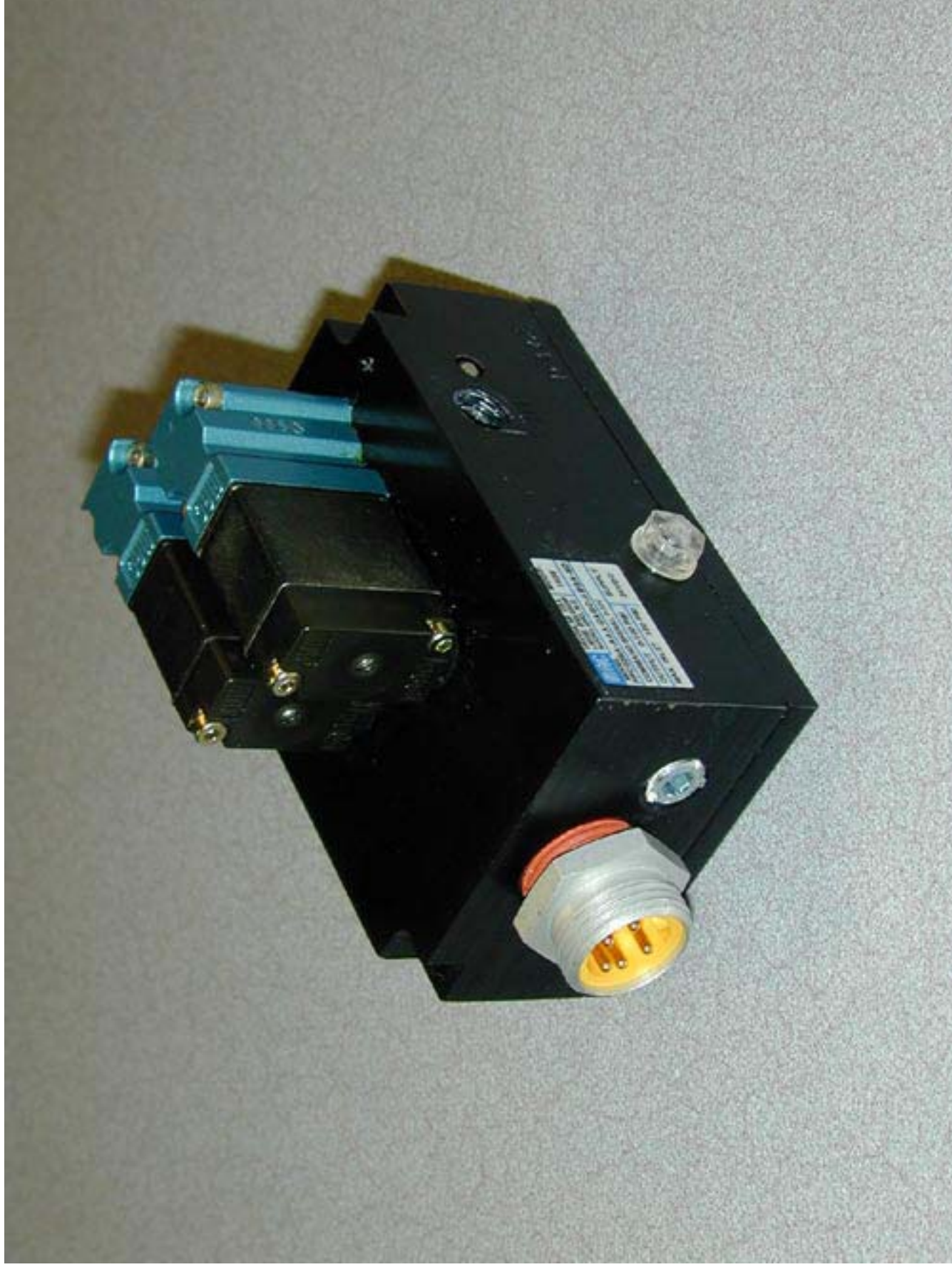


Covered PPC 36 Series



PPC 036 SERIES SPECIFICATIONS

ELECTRICAL

Supply Voltage	18 to 28 VDC
Supply Current	50 to 350 mA
Command Signal.....	0 to 10V or 4 to 20 mA
Command Type.....	Single Ended or Differential
Command Signal.....	4.99K Ω \pm 1.0% (Voltage)
Input Impedance	312 Ω \pm 0.1% (Current)
Analog Monitor Symbol,AMS	0 to 10V, Single Ended
Logic Monitor Signal, LMS.....	Two Types of Signals (See How To Order)
EMI / RFI Protection	Common Mode and High Frequency Noise Reduction

PNEUMATIC

Inlet Pressure*.....	120 PSI Maximum (for 10-100 Output Pressure)
Fluids	Air or Inert Gases
Lubrication	Not Required. However, if used, a medium aniline point oil is recommended
Output Pressure.....	0 to 10, 30, 45, 60, and 100
Overall Accuracy	\pm 1.5% Full Scale \pm .5% Full Scale \pm 2.5% Full Scale \pm .25% Full Scale
Flow Cv.....	.25, .30
Ports	1/8", 1/4" Tube Receptacle
Minimum Closed End Volume.....	1.0 cu. in.

PHYSICAL

Enclosure.....	Aluminum Barstock, Sealed
Connector (Covered).....	3,5,6 or 7 Pin Plug-in or 7 Wire Grommet
Connector (Coverless)	Pin Terminal Block
Mounting.....	Any Plane
Vibration	Not Affected
Ambient Temperature Range	0 to 50°C (32° to 120°F)
Washdown (Covered Only).....	Standard

*20 psi Maximum Inlet for 10 psi Output Pressure.

How to Order 36 Series PPC (Covered)

Basic Model

Signal and Connector Options (see below)

PPC 036B - X XX - XX X X X - X X X - X X

Type	Type of Mounting	Press. Range	Press. Ref.	Accuracy	Flow
A Analog	AA Base Side Port 1/8" NPTF AB Base Side Port 1/8" BSPPL AC Base Side Port 1/8" BSPTR AD Base Side Port 1/4" Tube Receptacle 1/8" NPTF Exh. AE Base Side Port 1/4" Tube Receptacle 1/8" BSPPL Exh. AF Base Side Port 1/4" Tube Receptacle 1/8" BSPTR Exh.	0A 100 psi 0B 60 psi 0C 30 psi 0N 10 psi 0T 45 psi	D Differential Pressure G Gage Pressure Caution: Differential pressure must not exceed pressure range.	A ±1.5% F.S. C ±0.5% F.S. E ±2.5% F.S. F ±0.25% F.S.	A .25 Cv B .30 Cv

Signal and Connector Options








X X X - X X

Command Signal	AMS/LMS Signal See note #1	Cover Opts.	Electrical Conn. See note #1	Cable Length
B 0-10v Differential D 4-20mA Differential	0 No AMS or LMS A TTL LMS 1,2 B 24v LMS 2 High On TTL LMS 1 Press . Achieved C 24v LMS Low On TTL LMS Press. Achieved D TTL LMS 1,2 w/AMS E 24v LMS 2 High On w/AMS TTL LMS 1 Press . Achieved F 24v LMS Low On w/AMS TTL LMS Press. Achieved G AMS	A Sealed Electrical & Electronic Components w/ Washdown Valves.	A 3 Pin Mini B 5 Pin Mini C 6 Pin Mini D 7 Pin Mini E 3 Pin Micro F 5 Pin Micro G 6 Pin Micro J 7 Wire Grommet (Cable Length Req.)	0 No Cable B 3 Feet D 6 Feet E 12 Feet

Note #1 (Options below are AMS/LMS signals)
 3 Pin Connector for Option 0
 5 Pin Connector for Option G
 6 Pin Connector for Options A,B,C
 7 Pin Connector for Options D,E,F
 7 Wire grommet for all AMS/LMS signals







Standard Plug-In Electrical Connections

PPC036B-XXX-XXXXX-(XXX-XX) Electrical Options

	PART NO. -(BDA-AX) -(DDA-AX)	3-PIN 1 COMMON 2 POWER +20.4 TO +26.4VDC 3 + COMMAND	MATING CORD GREEN BLACK WHITE
	PART NO. -(BDA-EX) -(DDA-EX)	3-PIN MICRO 1 COMMON 2 POWER +20.4 TO +26.4VDC 3 + COMMAND	MATING CORD GREEN RED W/BLACK TRACER RED W/WHITE TRACER
	PART NO. -(BGA-BX) -(DGA-BX)	5-PIN 1 + COMMAND 2 ANALOG MONITOR SIGNAL 3 COMMON 4 - COMMAND 5 POWER +20.4 TO +26.4VDC	MATING CORD WHITE RED GREEN ORANGE BLACK
	PART NO. -(BGA-FX) -(DGA-FX)	5-PIN MICRO 1 + COMMAND 2 ANALOG MONITOR SIGNAL 3 COMMON 4 - COMMAND 5 POWER +20.4 TO +26.4VDC	MATING CORD RED W/WHITE TRACER RED GREEN RED W/YELLOW TRACER RED W/BLACK TRACER
	PART NO. -(BAA-CX) -(DAA-CX)	6-PIN 1 LMS1: TTL (HIGH=PRESSURE ACHIEVED) 2 - COMMAND 3 POWER +20.4 TO +26.4VDC 4 + COMMAND 5 LMS2: TTL (LOW=PRESSURE ACHIEVED) 6 COMMON	MATING CORD ORANGE BLUE BLACK WHITE RED GREEN
	PART NO. -(BAA-GX) -(DAA-GX)	6-PIN MICRO 1 + COMMAND 2 LMS2: TTL (LOW=PRESSURE ACHIEVED) 3 COMMON 4 LMS1: TTL (HIGH=PRESSURE ACHIEVED) 5 POWER +20.4 TO +26.4VDC 6 - COMMAND	MATING CORD RED W/WHITE TRACER RED GREEN RED W/YELLOW TRACER RED W/BLACK TRACER RED W/BLUE TRACER
	PART NO. -(BBA-CX) -(DBA-CX)	6-PIN 1 LMS1: TTL (HIGH=PRESSURE ACHIEVED) 2 - COMMAND 3 POWER +20.4 TO +26.4VDC 4 + COMMAND 5 LMS2: 24V (HIGH=PRESSURE ACHIEVED) 6 COMMON	MATING CORD ORANGE BLUE BLACK WHITE RED GREEN

Standard Plug-In Electrical Connections

PPC036B-XXX-XXXXX-(XXX-XX) Electrical Options

	PART NO. -(BBA-GX) -(DBA-GX)	6-PIN MICRO 1 + COMMAND 2 LMS2: 24V (HIGH=PRESSURE ACHIEVED) 3 COMMON 4 LMS1: TTL (HIGH=PRESSURE ACHIEVED) 5 POWER +20.4 TO +26.4VDC 6 - COMMAND	MATING CORD RED W/WHITE TRACER RED GREEN RED W/YELLOW TRACER RED W/BLACK TRACER RED W/BLUE TRACER
	PART NO. -(BCA-CX) -(DCA-CX)	6-PIN 1 LMS1: TTL (HIGH=PRESSURE ACHIEVED) 2 - COMMAND 3 POWER +20.4 TO +26.4VDC 4 + COMMAND 5 LMS2: 24V (LOW=PRESSURE ACHIEVED) 6 COMMON	MATING CORD ORANGE BLUE BLACK WHITE RED GREEN
	PART NO. -(BCA-GX) -(DCA-GX)	6-PIN MICRO 1 + COMMAND 2 LMS2: 24V (LOW=PRESSURE ACHIEVED) 3 COMMON 4 LMS1: TTL (HIGH=PRESSURE ACHIEVED) 5 POWER +20.4 TO +26.4VDC 6 - COMMAND	MATING CORD RED W/WHITE TRACER RED GREEN RED W/YELLOW TRACER RED W/BLACK TRACER RED W/BLUE TRACER
	PART NO. -(BDA-DX) -(DDA-DX)	7-PIN 1 LMS2: TTL (LOW=PRESSURE ACHIEVED) 2 POWER +20.4 TO +26.4VDC 3 + COMMAND 4 ANALOG MONITOR SIGNAL 5 LMS1: TTL (HIGH=PRESSURE ACHIEVED) 6 - COMMAND 7 COMMON	MATING CORD WHITE W/BLACK TRACER BLACK WHITE RED ORANGE BLUE GREEN
	PART NO. -(BEA-DX) -(DEA-DX)	7-PIN 1 LMS2: 24V (HIGH=PRESSURE ACHIEVED) 2 POWER +20.4 TO +26.4VDC 3 + COMMAND 4 ANALOG MONITOR SIGNAL 5 LMS1: TTL (HIGH=PRESSURE ACHIEVED) 6 - COMMAND 7 COMMON	MATING CORD WHITE W/BLACK TRACER BLACK WHITE RED ORANGE BLUE GREEN
	PART NO. -(BFA-DX) -(DFA-DX)	7-PIN 1 LMS2: 24V (LOW=PRESSURE ACHIEVED) 2 POWER +20.4 TO +26.4VDC 3 + COMMAND 4 ANALOG MONITOR SIGNAL 5 LMS1: TTL (HIGH=PRESSURE ACHIEVED) 6 - COMMAND 7 COMMON	MATING CORD WHITE W/BLACK TRACER BLACK WHITE RED ORANGE BLUE GREEN

Standard Wire Grommet Electrical Connections

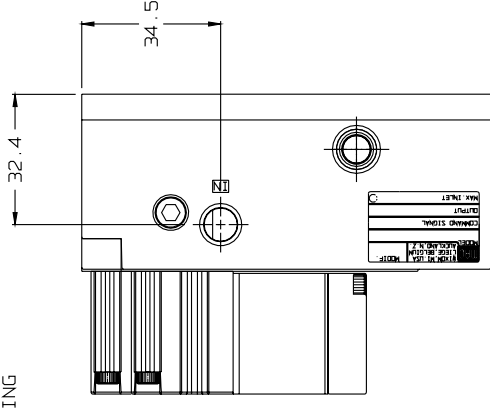
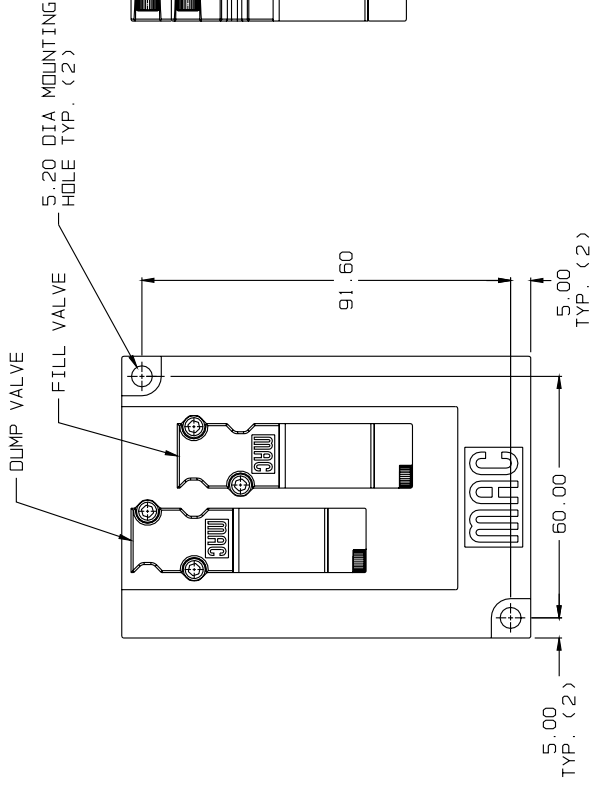
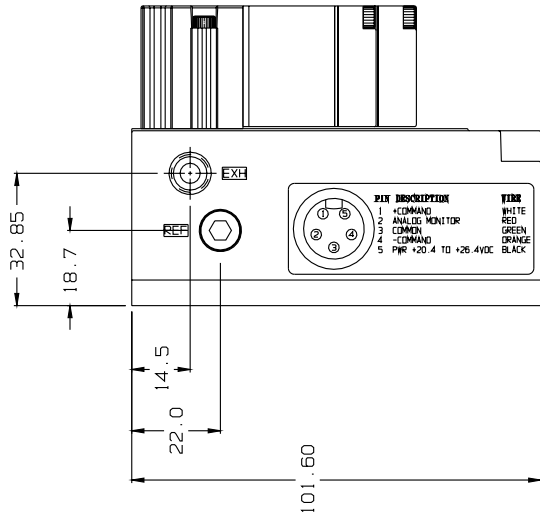
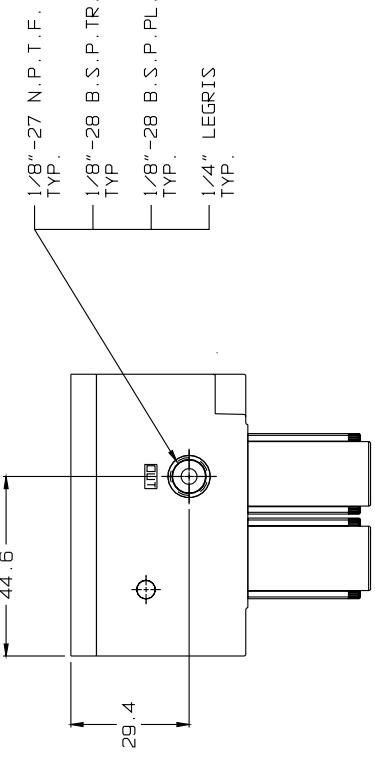
PPC036B-XXX-XXXXX-(XXX-XX) Electrical Options

PART NO. -(BDA-JX) -(DDA-JX)	4-WIRES POWER +20.4 TO +26.4VDC COMMON - COMMAND + COMMAND	WIRE COLOR BLACK GREEN BLUE WHITE -BROWN (NOT USED) -ORANGE (NOT USED) -RED (NOT USED)
PART NO. -(BGA-JX) -(DGA-JX)	5-WIRES POWER +20.4 TO +26.4VDC COMMON - COMMAND + COMMAND ANALOG MONITOR SIGNAL	WIRE COLOR BLACK GREEN BLUE WHITE RED -BROWN (NOT USED) -ORANGE (NOT USED)
PART NO. -(BAA-JX) -(DAA-JX)	6-WIRES POWER +20.4 TO +26.4VDC COMMON - COMMAND + COMMAND LMS2: TTL (LOW=PRESSURE ACHIEVED) LMS1: TTL (HIGH=PRESSURE ACHIEVED)	WIRE COLOR BLACK GREEN BLUE WHITE BROWN ORANGE -RED (NOT USED)
PART NO. -(BBA-JX) -(DBA-JX)	6-WIRES POWER +20.4 TO +26.4VDC COMMON - COMMAND + COMMAND LMS2: 24V (HIGH=PRESSURE ACHIEVED) LMS1: TTL (HIGH=PRESSURE ACHIEVED)	WIRE COLOR BLACK GREEN BLUE WHITE BROWN ORANGE -RED (NOT USED)
PART NO. -(BCA-JX) -(DCA-JX)	6-WIRES POWER +20.4 TO +26.4VDC COMMON - COMMAND + COMMAND LMS2: 24V (LOW=PRESSURE ACHIEVED) LMS1: TTL (HIGH=PRESSURE ACHIEVED)	WIRE COLOR BLACK GREEN BLUE WHITE BROWN ORANGE -RED (NOT USED)
PART NO. -(BDA-JX) -(DDA-JX)	7-WIRES POWER +20.4 TO +26.4VDC COMMON - COMMAND + COMMAND LMS2: TTL (LOW=PRESSURE ACHIEVED) LMS1: TTL (HIGH=PRESSURE ACHIEVED) ANALOG MONITOR SIGNAL	WIRE COLOR BLACK GREEN BLUE WHITE BROWN ORANGE RED
PART NO. -(BEA-JX) -(DEA-JX)	7-WIRES POWER +20.4 TO +26.4VDC COMMON - COMMAND + COMMAND LMS2: 24V (HIGH=PRESSURE ACHIEVED) LMS1: TTL (HIGH=PRESSURE ACHIEVED) ANALOG MONITOR SIGNAL	WIRE COLOR BLACK GREEN BLUE WHITE BROWN ORANGE RED
PART NO. -(BFA-JX) -(DFA-JX)	7-WIRES POWER +20.4 TO +26.4VDC COMMON - COMMAND + COMMAND LMS2: 24V (LOW=PRESSURE ACHIEVED) LMS1: TTL (HIGH=PRESSURE ACHIEVED) ANALOG MONITOR SIGNAL	WIRE COLOR BLACK GREEN BLUE WHITE BROWN ORANGE RED

NOTES:

1. ALL UNITS WITH ELECTRICAL CONNECTOR OPTION "J" (LISTED ABOVE) ARE FACTORY EQUIPPED WITH A 7-WIRE GROMMET AND WIRES NOT USED ARE TRIMMED OFF TO ENDS OF CABLE
2. VARIABLE "X" = CABLE LENGTH

36 SERIES COVERED PPC



- 3 - PIN BRAD H
- 5 - PIN BRAD H
- 6 - PIN BRAD H
- 7 - PIN BRAD H
- 3 - PIN MICRO BRAD H
- 5 - PIN MICRO BRAD H
- 6 - PIN MICRO BRAD H

