

VACUUM PUMP P5010

COAX® — THE NEXT DIMENSION IN VACUUM TECHNOLOGY

Profit from new vacuum technology



***Patented
COAX® push-in
technology***

***Efficient use
of energy***

***Outstanding
performance***

***Slim and
modular design***

PIAB
Innovators in
Vacuum Technology

www.piab.com

P5010 – A sustainable solution

The economical and environmental friendly P5010 is designed for automated vacuum handling applications with robots or dedicated machines. It is developed for requirements found in industries such as plastic, automotive, consumer goods, graphic and glass.

The heart of P5010 is a new patented COAX® vacuum cartridge based on a push-in principle. The push-in design facilitates inserts and removals which saves time and money during service or maintenance.



Your benefits

- »» **Economical and environmentally friendly** – Air saving options and COAX® technology guarantee a minimum of energy usage.
- »» **Excellent performance** – High vacuum flow, fast response and an efficient blow-off function.
- »» **Reliable use** – P5010 can preserve the vacuum performance even if a sudden pressure drop occurs.
- »» **Low weight** – Weight optimized design makes P5010 suitable to mount close to point of vacuum on devices such as robot arms.
- »» **Easy to install** – Slim and compact design with several mounting options.
- »» **Flexible** – easy to change options fits the needs of your application.
- »» **Easy settings** – Adjustment of vacuum switch points and display units is very simple (AVM™2).
- »» **Safety** – Safety functions (AVM™2) prevents parts from being dropped during an E-stop or system failure.

The unsurpassed vacuum performance with COAX® technology, provides the highest achievable vacuum performance in relation to energy consumption. Choosing P5010, at a time when reduced carbon footprint and energy conservation is “top-of-mind”, is a great step towards more environmental-friendly production systems and plants. In addition to the energy efficient COAX® technology, The modular P5010 design can be equipped with optional built-in air-saving (ES) functions, which minimize the air consumption to almost nothing.



ion for vacuum automation

Configure your own P5010 – for optimal performance and function

AVM™2 – Complete control and monitoring unit with valves, air-saving, adjustable vacuum switch, and digital display

CU – Control unit with valves for on/off and blow-off activation

Connection modules for vacuum are available in several versions

Pneumatic air-saving module

Common feed adapter for dual pump systems. Provides a single air connection

Light-weight durable pump module

New patented **COAX® push-in cartridge** with integrated silencer. Available in three different characteristics:

Si = extra vacuum flow for leaking applications

Pi = low feed pressure for extra reliability (0.3–0.6 MPa)

Xi = extra deep Vacuum level (95 -kPa)

Performance can be doubled by adding an **extra pump module**

Response times and pick-up speeds will be improved with a **3-stage COAX® push-in cartridge**

Industry standard **DIN rail mount**

Robust **mounting rail** for one or two pump modules

P5010 Pi48



- ▶ New patented COAX® push-in technology allows insertion and removal of the cartridge without tools.
- ▶ Two- or three-stage COAX® push-in cartridge – MIDI – with small outer dimensions or high initial vacuum flow.
- ▶ Vacuum level to 90 -kPa at low feed pressure.
- ▶ Integrated flow-through silencer that is unaffected by dust and dirt.
- ▶ Substantially lower air-consumption as compared to conventional ejectors of similar sizes.
- ▶ High system reliability in case of fluctuating or low pressure.
- ▶ Suitable for fast and reliable evacuation in sealed systems.
- ▶ Slim, compact, configurable and modular design.
- ▶ Low weight.

TECHNICAL DATA

Description	Unit	Value
Feed pressure, max	MPa	0.7
Noise level *)	dBA	68–70
Temperature range	°C	-10–80
Weight	g	230–600
Material		AL, CuZn, NBR, PA, SS, PE

*) At vacuum level 40 -kPa and feed pressure 0.3 MPa.

VACUUM FLOW

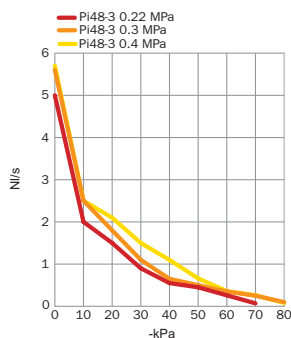
COAX® push-in cartridge	Feed pressure MPa	Air consumption NI/s	Vacuum flow (NI/s) at different vacuum levels (-kPa)										Max vacuum -kPa
			0	10	20	30	40	50	60	70	80		
Pi48-2	0.22	1.62	2.7	2.0	1.5	0.90	0.55	0.45	0.26	0.07	—	55	
Pi48-3	0.22	1.62	5.0	2.0	1.5	0.90	0.55	0.45	0.26	0.07	—	55	
Pi48-2	0.3	2.0	2.8	2.5	1.8	1.1	0.65	0.50	0.35	0.25	0.1	90	
Pi48-3	0.3	2.0	5.6	2.5	1.8	1.1	0.65	0.50	0.35	0.25	0.1	90	
Pi48-2	0.4	2.54	2.8	2.5	2.1	1.5	1.1	0.66	0.36	0.26	0.08	86	
Pi48-3	0.4	2.54	5.7	2.5	2.1	1.5	1.1	0.66	0.36	0.26	0.08	86	

Values for one COAX® push-in cartridge. Multiply with number of push-in cartridges.

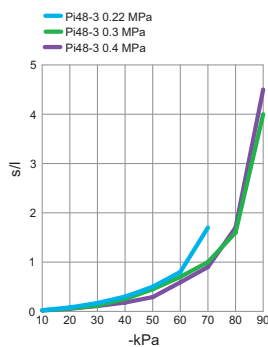
EVACUATION TIME

COAX® push-in cartridge	Feed pressure MPa	Air consumption NI/s	Evacuation time (s/l) to reach different vacuum levels (-kPa)									Max vacuum -kPa
			10	20	30	40	50	60	70	80	90	
Pi48-2	0.22	1.62	0.035	0.090	0.17	0.32	0.51	0.80	1.7	—	73	
Pi48-3	0.22	1.62	0.025	0.080	0.17	0.30	0.50	0.80	1.7	—	73	
Pi48-2	0.30	2.0	0.030	0.070	0.12	0.26	0.46	0.70	1.0	1.6	4.0	
Pi48-3	0.30	2.0	0.020	0.060	0.12	0.25	0.45	0.70	1.0	1.6	4.0	
Pi48-2	0.40	2.54	0.030	0.065	0.11	0.19	0.30	0.60	0.90	1.7	4.5	
Pi48-3	0.40	2.54	0.020	0.055	0.11	0.18	0.29	0.59	0.90	1.7	4.5	

Values for one COAX® push-in cartridge. Divide with number of push-in cartridges.



Vacuum flow Pi48-3



Evacuation time Pi48-3

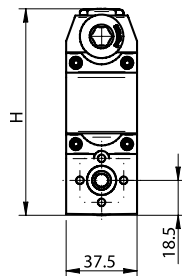
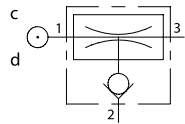
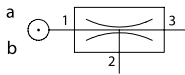
ORDERING INFORMATION

1. Housing		P5010 code
Housing, connection \varnothing 10 mm		00
Housing, connection \varnothing 3/8"		01

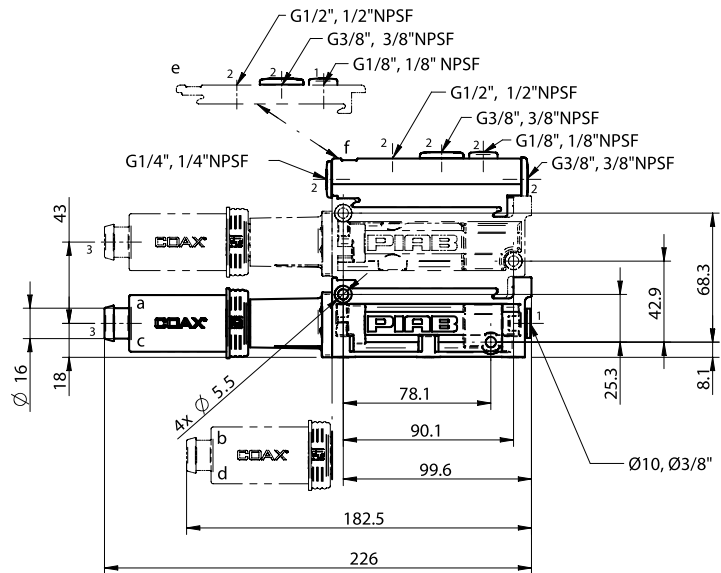
2. COAX® push-in modules		P5010 code
b	COAX® push-in module Pi48-2X1	AI
a	COAX® push-in module Pi48-3X1	AJ
d	COAX® push-in module Pi48-2X1, non-return valve	AK
c	COAX® push-in module Pi48-3X1, non-return valve	AL
b	COAX® push-in module Pi48-2X2	AM
a	COAX® push-in module Pi48-3X2	AN
d	COAX® push-in module Pi48-2X2, non-return valve	AO
c	COAX® push-in module Pi48-3X2, non-return valve	AP

3. Connection modules		P5010 code
Connection module low, G threads		01
Connection module high, G threads		02
Connection module low, NPSF threads		03
Connection module high, NPSF threads		04

Example	Ordering number
Housing, connection \varnothing 10 mm Pi48-2X1, Connection module low, G threads	P5010 00 AI 01



		H
x1	e	50,5
x1	f	66,2
x2	e	93,5
x2	f	109,2

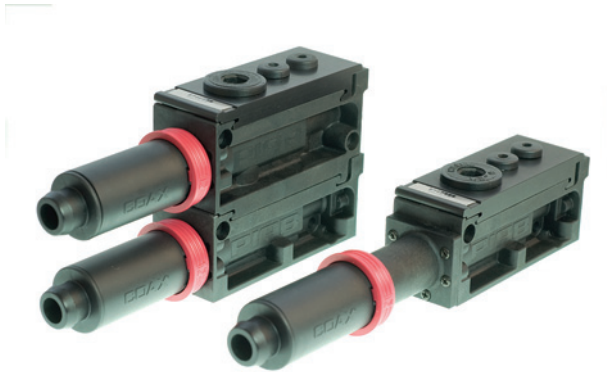


ORDERING INFORMATION, ACCESSORIES

Description	Art. No.
Common feed adapter P5010	0117762
DIN mounting rail P5010	0117763
Mounting rail x1 P5010	0118209
Mounting rail x2 P5010	0118208
Vacuum gauge 100 -kPa	0112531

Vacuum gauge recommended with high connection modules (02/04)

P5010 Si32



- ▶ New patented COAX® push-in technology allows insertion and removal of the cartridge without tools.
- ▶ Two- or three-stage COAX® push-in cartridge – MIDI – with small outer dimensions or extra high initial vacuum flow.
- ▶ Integrated flow-through silencer that is unaffected by dust and dirt.
- ▶ Substantially lower air-consumption as compared to conventional ejectors in similar sizes.
- ▶ High suction capacity – suitable for handling of porous objects and in case of leakage .
- ▶ Slim, compact, configurable and modular design.
- ▶ Low weight.

TECHNICAL DATA

Description	Unit	Value
Feed pressure, max	MPa	0.7
Noise level *)	dBA	69–71
Temperature range	°C	-10–80
Weight	g	230–600
Material		AL,CuZn, NBR, PA, SS, PE

*) At vacuum level 40 -kPa and feed pressure 0.6 MPa.

VACUUM FLOW

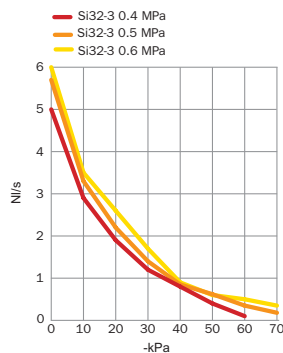
COAX® push-in cartridge	Feed pressure MPa	Air consumption NI/s	Vacuum flow (NI/s) at different vacuum levels (-kPa)								Max vacuum -kPa
			0	10	20	30	40	50	60	70	
Si32-2	0.40	1.25	3.1	2.6	1.9	1.2	0.80	0.40	0.1	—	60
Si32-3	0.40	1.25	5.0	2.9	1.9	1.2	0.80	0.40	0.1	—	60
Si32-2	0.50	1.50	3.2	2.9	2.2	1.4	0.85	0.62	0.35	0.18	70
Si32-3	0.50	1.50	5.7	3.3	2.2	1.4	0.85	0.62	0.35	0.18	70
Si32-2	0.60	1.75	3.3	3.0	2.6	1.7	0.90	0.60	0.50	0.35	75
Si32-3	0.60	1.75	6.0	3.5	2.6	1.7	0.90	0.60	0.50	0.35	75

Values for one COAX® push-in cartridge. Multiply with number of push-in cartridges.

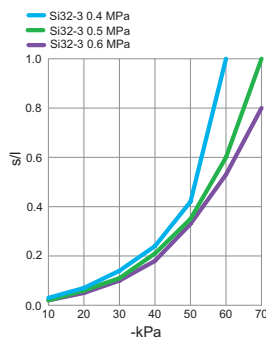
EVACUATION TIME

COAX® push-in cartridge	Feed pressure MPa	Air consumption NI/s	Evacuation time (s/l) to reach different vacuum levels (-kPa)							Max vacuum -kPa
			10	20	30	40	50	60	70	
Si32-2	0.40	1.25	0.040	0.080	0.14	0.24	0.42	1.0	—	60
Si32-3	0.40	1.25	0.030	0.070	0.14	0.24	0.42	1.0	—	60
Si32-2	0.50	1.50	0.030	0.070	0.11	0.21	0.35	0.60	1.0	70
Si32-3	0.50	1.50	0.020	0.060	0.11	0.21	0.35	0.60	1.0	70
Si32-2	0.60	1.75	0.030	0.070	0.10	0.18	0.33	0.53	0.80	75
Si32-3	0.60	1.75	0.020	0.050	0.10	0.18	0.33	0.53	0.80	75

Values for one COAX® push-in cartridge. Divide with number of push-in cartridges.



Vacuum flow Si32-3



Evacuation time Si32-3

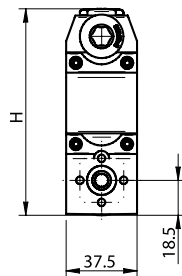
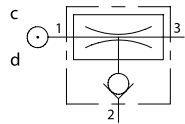
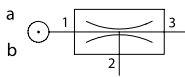
ORDERING INFORMATION

1. Housing		P5010 code
Housing, connection \varnothing 10 mm		00
Housing, connection \varnothing 3/8"		01

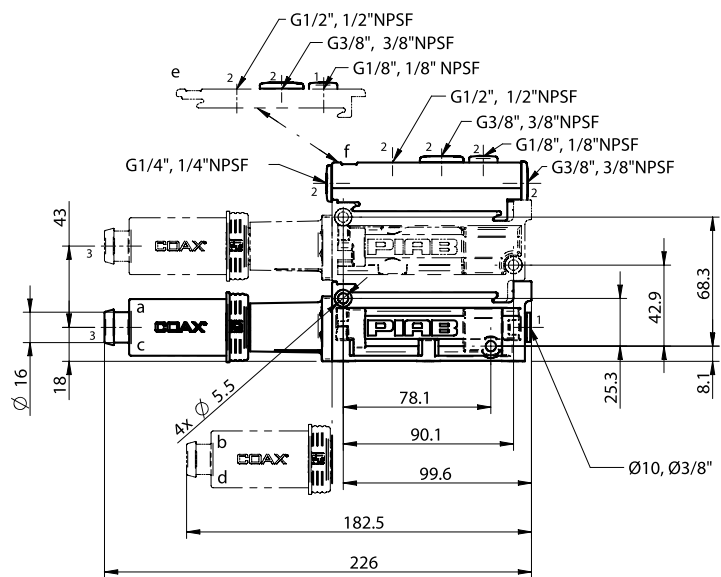
2. COAX® push-in modules		P5010 code
b	COAX® push-in module Si32-2X1	AA
a	COAX® push-in module Si32-3X1	AB
d	COAX® push-in module Si32-2X1, non-return valve	AC
c	COAX® push-in module Si32-3X1, non-return valve	AD
b	COAX® push-in module Si32-2X2	AE
a	COAX® push-in module Si32-3X2	AF
d	COAX® push-in module Si32-2X2, non-return valve	AG
c	COAX® push-in module Si32-3X2, non-return valve	AH

3. Connection modules		P5010 code
Connection module low, G threads		01
Connection module high, G threads		02
Connection module low, NPSF threads		03
Connection module high, NPSF threads		04

Example	Ordering number
Housing, connection \varnothing 10 mm Si32-2X1, Connection module low, G threads	P5010 00 AA 01



		H
x1	e	50,5
x1	f	66,2
x2	e	93,5
x2	f	109,2



ORDERING INFORMATION, ACCESSORIES

Description	Art. No.
Common feed adapter P5010	0117762
DIN mounting rail P5010	0117763
Mounting rail x1 P5010	0118209
Mounting rail x2 P5010	0118208
Vacuum gauge 100 -kPa	0112531

Vacuum gauge recommended with high connection modules (02/04)

P5010 Xi40



- ▶ New patented COAX® push-in technology allows insertion and removal of the cartridge without tools.
- ▶ New COAX® push-in cartridge – MIDI Xi.
- ▶ Vacuum level to 95 -kPa.
- ▶ Suitable when deeper levels of vacuum is needed (70–95 -kPa).
- ▶ Integrated flow-through silencer that is unaffected by dust and dirt.
- ▶ Substantially lower air-consumption as compared to conventional ejectors with similar performance.
- ▶ Slim, compact, configurable and modular design.
- ▶ Low weight.

TECHNICAL DATA

Description	Unit	Value
Feed pressure, max	MPa	0.7
Noise level *)	dBA	68–70
Temperature range	°C	-10–80
Weight	g	230–600
Material		AL, CuZn, NBR, PA, SS, PE

*) At vacuum level 40 -kPa and feed pressure 0.45 MPa.

VACUUM FLOW

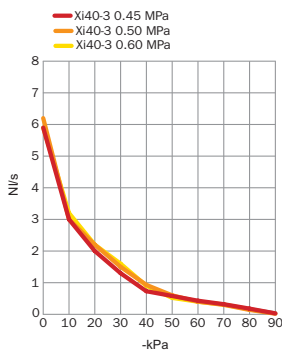
COAX® push-in cartridge	Feed pressure MPa	Air consumption NI/s	Vacuum flow (NI/s) at different vacuum levels (-kPa)										Max vacuum -kPa
			0	10	20	30	40	50	60	70	80	90	
Xi40-2	0.45	1.83	2.8	2.3	1.6	1.0	0.73	0.58	0.43	0.32	0.18	0.03	95
Xi40-3	0.45	1.83	5.9	3.0	2.0	1.3	0.73	0.58	0.43	0.32	0.18	0.03	95
Xi40-2	0.50	2.0	2.8	2.4	1.8	1.2	0.72	0.54	0.40	0.30	0.14	0.02	94
Xi40-3	0.50	2.0	6.2	3.0	2.2	1.5	0.93	0.60	0.40	0.30	0.14	0.02	94
Xi40-2	0.60	2.33	2.7	2.4	2.0	1.5	0.90	0.52	0.40	0.31	0.16	0.03	94
Xi40-3	0.60	2.33	5.9	3.2	2.2	1.6	0.90	0.52	0.40	0.31	0.16	0.03	94

Values for one COAX® push-in cartridge. Multiply with number of push-in cartridges.

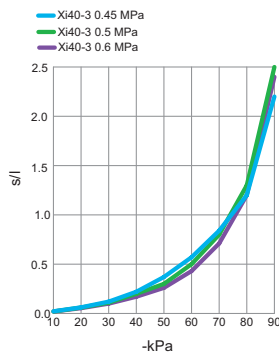
EVACUATION TIME

COAX® push-in cartridge	Feed pressure MPa	Air consumption NI/s	Evacuation time (s/l) to reach different vacuum levels (-kPa)									Max vacuum -kPa
			10	20	30	40	50	60	70	80	90	
Xi40-2	0.45	1.83	0.04	0.09	0.17	0.28	0.44	0.63	0.90	1.3	2.3	95
Xi40-3	0.45	1.83	0.022	0.062	0.12	0.22	0.37	0.57	0.84	1.2	2.2	95
Xi40-2	0.50	2.0	0.04	0.09	0.15	0.26	0.42	0.63	0.91	1.4	2.6	94
Xi40-3	0.50	2.0	0.02	0.06	0.11	0.20	0.30	0.50	0.80	1.3	2.5	94
Xi40-2	0.60	2.33	0.04	0.08	0.14	0.23	0.37	0.58	0.87	1.3	2.3	94
Xi40-3	0.60	2.33	0.02	0.054	0.10	0.17	0.26	0.43	0.71	1.2	2.4	94

Values for one COAX® push-in cartridge. Divide with number of push-in cartridges.



Vacuum flow Xi40-3



Evacuation time Xi40-3

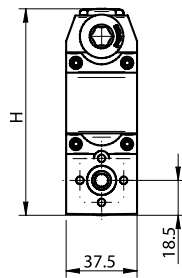
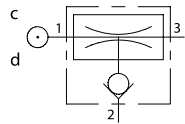
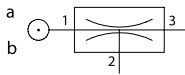
ORDERING INFORMATION

1. Housing		P5010 code
Housing, connection \varnothing 10 mm		00
Housing, connection \varnothing 3/8"		01

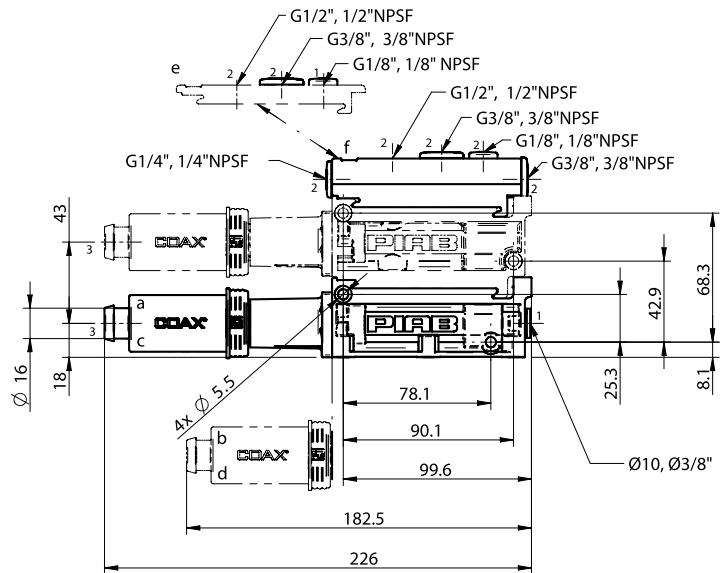
2. COAX® push-in modules		P5010 code
b	COAX® push-in module Xi40-2X1	AQ
a	COAX® push-in module Xi40-3X1	AR
d	COAX® push-in module Xi40-2X1, non-return valve	AS
c	COAX® push-in module Xi40-3X1, non-return valve	AT
b	COAX® push-in module Xi40-2X2	AU
a	COAX® push-in module Xi40-3X2	AV
d	COAX® push-in module Xi40-2X2, non-return valve	AW
c	COAX® push-in module Xi40-3X2, non-return valve	AX

3. Connection modules		P5010 code
Connection module low, G threads		01
Connection module high, G threads		02
Connection module low, NPSF threads		03
Connection module high, NPSF threads		04

Example	Ordering number
Housing, connection \varnothing 10 mm Xi40-2X1, Connection module low, G threads	P5010 00 AQ 01



		H
x1	e	50,5
x1	f	66,2
x2	e	93,5
x2	f	109,2

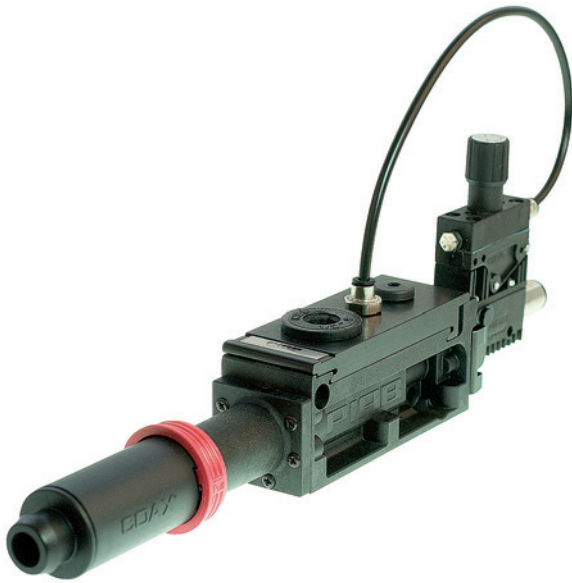


ORDERING INFORMATION, ACCESSORIES

Description	Art. No.
Common feed adapter P5010	0117762
Mounting rail DIN P5010	0117763
Mounting rail x1 P5010	0118209
Mounting rail x2 P5010	0118208
Vacuum gauge 100 -kPa	0112531

Vacuum gauge recommended with high connection modules (02/04)

P5010 ES



- ▶ P5010 multistage ejector with Pi, Si or Xi COAX® push-in cartridge.
- ▶ Integrated air-saving function (ES) that minimizes the air consumption by controlling the incoming air flow to the pump.
- ▶ Operates on a roughly similar system to that of a thermostat in a heating system.
- ▶ Large hysteresis is recommended for sealed vacuum handling applications such as metal sheet, glass or plastic handling.
- ▶ Small hysteresis is recommended if a very accurate vacuum level has to be maintained in the process.
- ▶ Adjustable ES switch level.
- ▶ Pneumatic function.
- ▶ Configurable and modular design.

TECHNICAL DATA

Description	Unit	Value
Feed pressure	MPa	0.17–0.7
Material		Al, NBR, PA, SS, CuZn
Temperature range	°C	0–60
Weight	g	89
Connection vacuum, hose Ø4		2 x M5
Connection compressed air, hose Ø8		2 x 1/8" NPSF
Signal range	-kPa	15–99
Function		2/2 NO
Flow at P1=6 bar and Δp=0.5 bar	NI/s	7.3
kv		10
Life span	cycles	>10,000,000

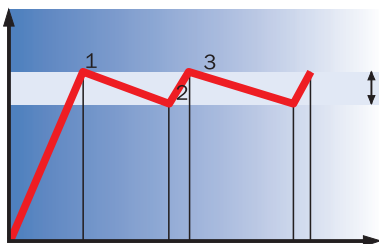
TECHNICAL DATA, SPECIFIC

Description	Unit	Value	
		ES small hysteresis	ES large hysteresis
Hysteresis	kPa	1–6	5–10
Noise level *)	dBA	68–71	

*) At vacuum level 40 -kPa and at recommended feed pressure for respective push-in cartridge.

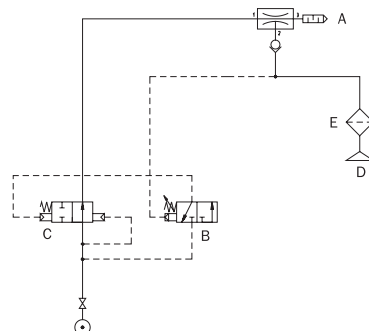
Function

A vacuum-controlled valve shuts off the flow of compressed air to the pump when the pre-set vacuum level is reached (1). The vacuum level is set by a knob. Because of minor leakage in a vacuum system the vacuum level drops, and after a while the start-up level of the valve is reached (2). Then the pump will start and work until the shut-off level is reached again (3), etc.



Connection

- A = Vacuum pump with non-return valve
- B = Vacuum switch
- C = Feed valve
- D = Suction cup
- E = Vacuum filter



ORDERING INFORMATION

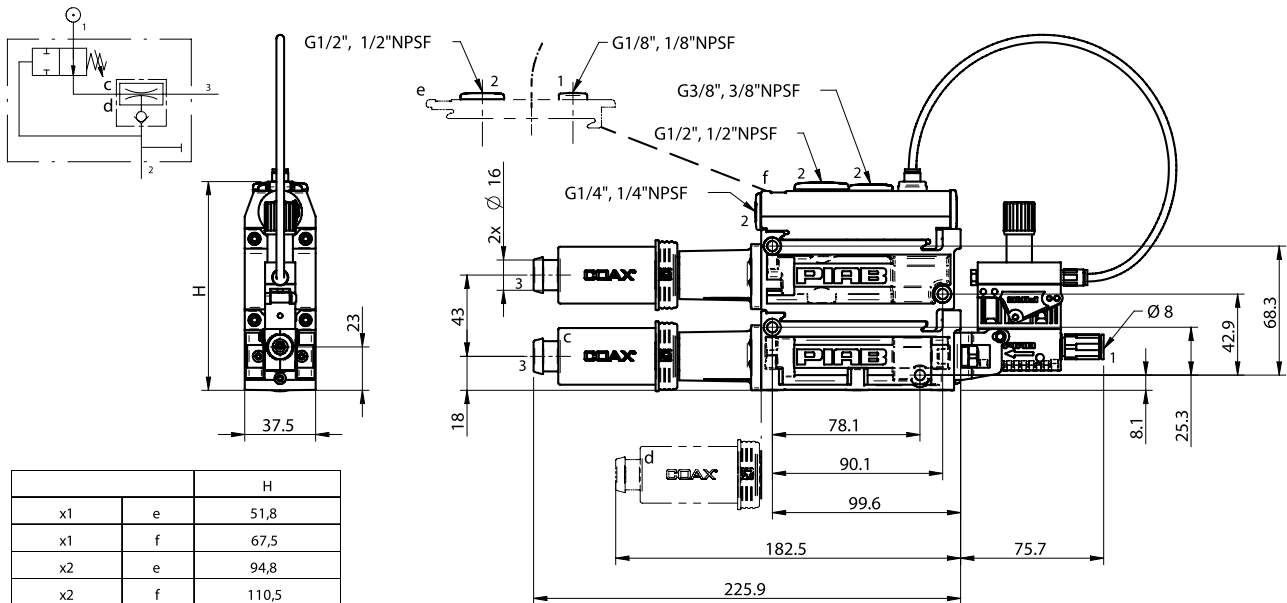
1. Housing		P5010 code
Housing, connection Ø 10 mm		00
Housing, connection Ø 3/8"		01

2. COAX® push-in modules		P5010 code
d	COAX® push-in module Pi48-2X1, non-return valve	AK
c	COAX® push-in module Pi48-3X1, non-return valve	AL
d	COAX® push-in module Pi48-2X2, non-return valve	AO
c	COAX® push-in module Pi48-3X2, non-return valve	AP
d	COAX® push-in module Si32-2X1, non-return valve	AC
c	COAX® push-in module Si32-3X1, non-return valve	AD
d	COAX® push-in module Si32-2X2, non-return valve	AG
c	COAX® push-in module Si32-3X2, non-return valve	AH
d	COAX® push-in module Xi40-2X1, non-return valve	AS
c	COAX® push-in module Xi40-3X1, non-return valve	AT
d	COAX® push-in module Xi40-2X2, non-return valve	AW
c	COAX® push-in module Xi40-3X2, non-return valve	AX

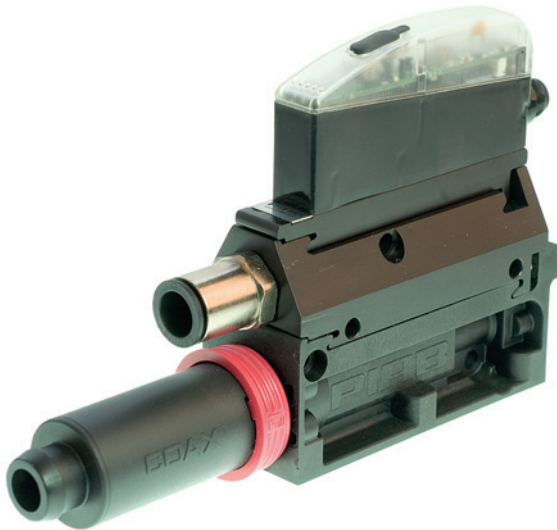
3. Connection modules		P5010 code
Connection module low, G threads		01
Connection module high, G threads		02
Connection module low, NPSF threads		03
Connection module high, NPSF threads		04

4. ES		P5010 code
On/off control ES small hysteresis		AB
On/off control ES large hysteresis		AC

Example	Ordering number
Housing, connection Ø 10 mm Pi48-2X1, non-return valve, Connection module low, G threads, On/off control ES small hysteresis	P5010 00 AK 01 AB



P5010 AVM™2



- ▶ P5010 multistage ejector with Pi, Si or Xi COAX® push-in cartridge(s).
- ▶ AVM™2, Automatic Vacuum Management, unit with built-in control and monitoring functions.
- ▶ Valves for vacuum on/off and blow-off.
- ▶ Special safety feature for the version with normally closed on/off valve. It changes to an open valve if power is lost (E-stop).
- ▶ Enhanced blow-off effect thanks to a directed blow-off pipe.
- ▶ Analogue vacuum sensor with two digital outputs, 16 pre-set combinations of signal levels to choose from.
- ▶ Digital display with “-kPa” or “-inHg” as unit options.
- ▶ Integrated energy saving function (ES) that minimizes the air consumption in sealed systems. The ES function can be activated manually or via a signal (signal override).
- ▶ Three-colour LED status indicators for valves, signal outputs and ES.

TECHNICAL DATA

Description	Unit	Value
Feed pressure, max.	MPa	0.7
Noise level *)	dBA	68–71
Temperature range	°C	0–50
Weight	g	430–720
Signal range, adjustable	-kPa	20–80
Hysteresis	kPa	7±1
Material		AL, CuZn, NBR, PA, SS, PE, PMMA
Voltage	VDC	24 (22–28)
Ripple, max.	V _p	1V _{rms}
Current consumption, nominal	mA	110
Safety classification		IP65 [NEMA 4]
Current, max. output load		100
Display		LED indicators, numeric
Flow. blow-off	NI/s	0–7.5

*) At vacuum level 40 -kPa and at recommended feed pressure for respective push-in cartridge.

When using P5010 with two COAX® push-in cartridges and AVM™2, there are flow restrictions down to 30 -kPa.

ORDERING INFORMATION

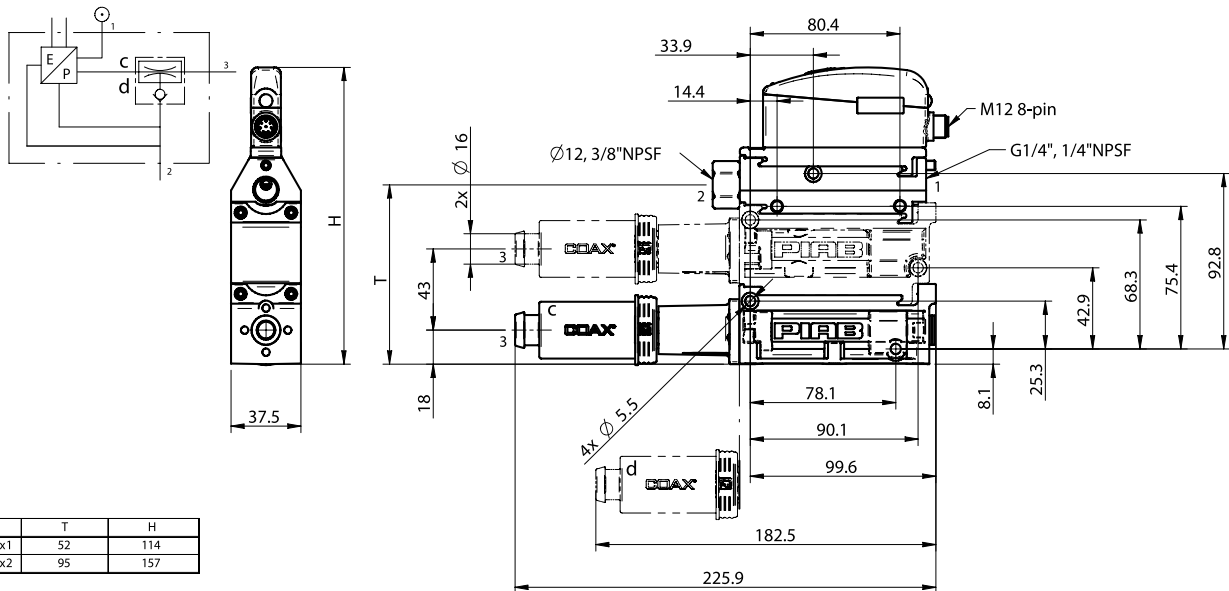
1. Housing		P5010 code
Housing, connection \varnothing 10 mm		00
Housing, connection \varnothing 3/8"		01

2. COAX® push-in modules		P5010 code
d	COAX® push-in module Pi48-2X1, non-return valve	AK
c	COAX® push-in module Pi48-3X1, non-return valve	AL
d	COAX® push-in module Pi48-2X2, non-return valve	AO
c	COAX® push-in module Pi48-3X2, non-return valve	AP
d	COAX® push-in module Si32-2X1, non-return valve	AC
c	COAX® push-in module Si32-3X1, non-return valve	AD
d	COAX® push-in module Si32-2X2, non-return valve	AG
c	COAX® push-in module Si32-3X2, non-return valve	AH
d	COAX® push-in module Xi40-2X1, non-return valve	AS
c	COAX® push-in module Xi40-3X1, non-return valve	AT
d	COAX® push-in module Xi40-2X2, non-return valve	AW
c	COAX® push-in module Xi40-3X2, non-return valve	AX

3. Functions		P5010 code
Function AVM™2, NO, G threads		05
Function AVM™2, NC, G threads		06
Function AVM™2 NO, NPSF threads		07
Function AVM™2 NC, NPSF threads		08

*) Open if electric power disrupted.

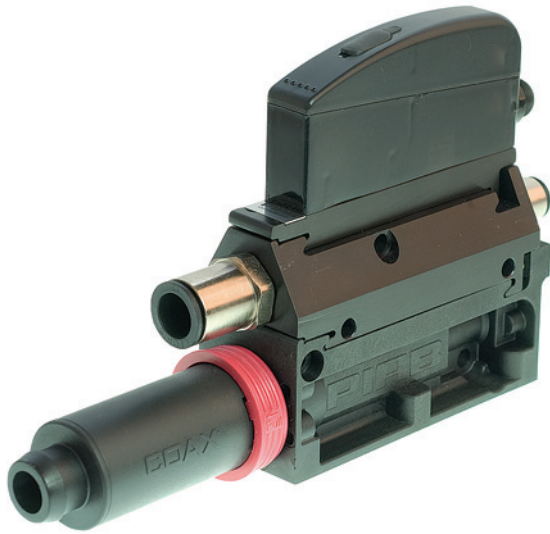
Example		Ordering number
Housing, connection \varnothing 10 mm Pi48-2X1, Function AVM™2, NO, G-threads		P5010 00 AK 05



ORDERING INFORMATION, ACCESSORIES

Description	Art. No.
Cable M12 8-pin female, PUR, L=2m	0110238
Cable M12 8-pin female, PUR, L=5m	0117746
Y-cable M12 8-pin female, 2 x M12 4-pin male, PUR, L=2m	0118407

P5010 CU



- ▶ P5010 multistage ejector with Pi, Si or Xi COAX® push-in cartridge(s).
- ▶ Integrated Control Unit (CU) with electric valves for vacuum on-off and blow-off control.
- ▶ Mechanical valve for blow-off flow adjustment.
- ▶ Enhanced blow-off power thanks to a directed blow-off pipe.
- ▶ Special M12 4-pin cable assembly with LED for status of valve signals.
- ▶ Slim, compact, configurable and modular design.

TECHNICAL DATA

Description	Unit	Value
Feed pressure, max	MPa	0.7
Noise level *)	dBA	68–71
Temperature range	°C	0–50
Weight	g	430–720
Material		AL, CuZn, NBR, PA, SS, PE, PMMA
Voltage	VDC	24 (22–28)
Safety classification		IP65 [NEMA4]
Humidity	%RH	90
Current consumption, nominal	mA	60
Ripple, max.	V _p	1 V _{rms}
Flow, blow-off	NI/s	0–7.5
Function, on/off		NC

*) At vacuum level 40 -kPa and at recommended feed pressure for respective push-in cartridge.

When using P5010 with two COAX® push-in cartridges and CU, there are flow restrictions down to 30 -kPa.

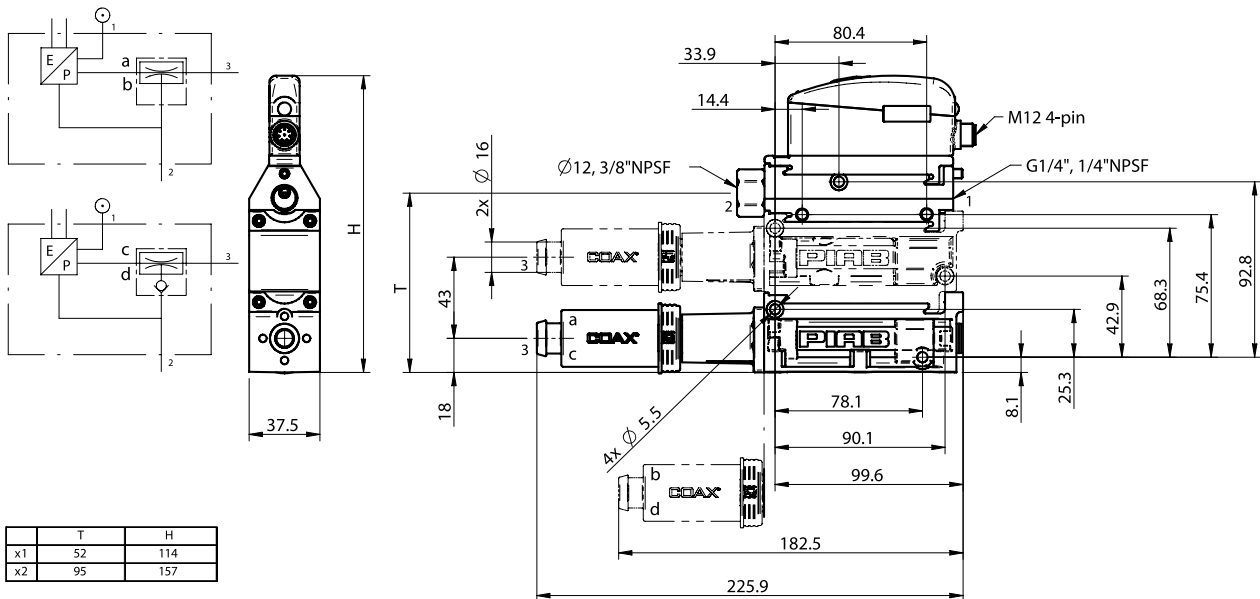
ORDERING INFORMATION

1. Housing		P5010 code
Housing, connection \varnothing 10 mm		00
Housing, connection \varnothing 3/8"		01

2. COAX® push-in modules		P5010 code
b	COAX® push-in module Pi48-2X1	AI
a	COAX® push-in module Pi48-3X1	AJ
d	COAX® push-in module Pi48-2X1, non-return valve	AK
c	COAX® push-in module Pi48-3X1, non-return valve	AL
b	COAX® push-in module Pi48-2X2	AM
a	COAX® push-in module Pi48-3X2	AN
d	COAX® push-in module Pi48-2X2, non-return valve	AO
c	COAX® push-in module Pi48-3X2, non-return valve	AP
b	COAX® push-in module Si32-2X1	AA
a	COAX® push-in module Si32-3X1	AB
d	COAX® push-in module Si32-2X1, non-return valve	AC
c	COAX® push-in module Si32-3X1, non-return valve	AD
b	COAX® push-in module Si32-2X2	AE
a	COAX® push-in module Si32-3X2	AF
d	COAX® push-in module Si32-2X2, non-return valve	AG
c	COAX® push-in module Si32-3X2, non-return valve	AH
b	COAX® push-in module Xi40-2X1	AQ
a	COAX® push-in module Xi40-3X1	AR
d	COAX® push-in module Xi40-2X1, non-return valve	AS
c	COAX® push-in module Xi40-3X1, non-return valve	AT
b	COAX® push-in module Xi40-2X2	AU
a	COAX® push-in module Xi40-3X2	AV
d	COAX® push-in module Xi40-2X2, non-return valve	AW
c	COAX® push-in module Xi40-3X2, non-return valve	AX

3. Function		P5010 code
Function CU NC G threads		09
Function CU NC NPSF threads		10

Example	Ordering number
Housing, connection \varnothing 10 mm Pi48-2X1, function CU NC G threads	P5010 00 A1 09



ORDERING INFORMATION, ACCESSORIES

Description	Art. No.
Cable M12 4-pin female, LED indicator, PUR, L=5m	0118013