

P6010 CU



- ▶ COAX® P6010 multistage ejector with Pi, Si or Xi vacuum cartridge(s).
- ▶ Integrated Control Unit (CU) with electric valves for vacuum on-off and blow-off control.
- ▶ Mechanical valve for blow-off flow adjustment.
- ▶ Special M12 4-pin cable assembly with LED for status of valve signals.
- ▶ Configurable and modular design.
- ▶ On CU units for P6010, there is an option to blow from a separate port to maximize blow-off efficiency in the vacuum system.

Technical data

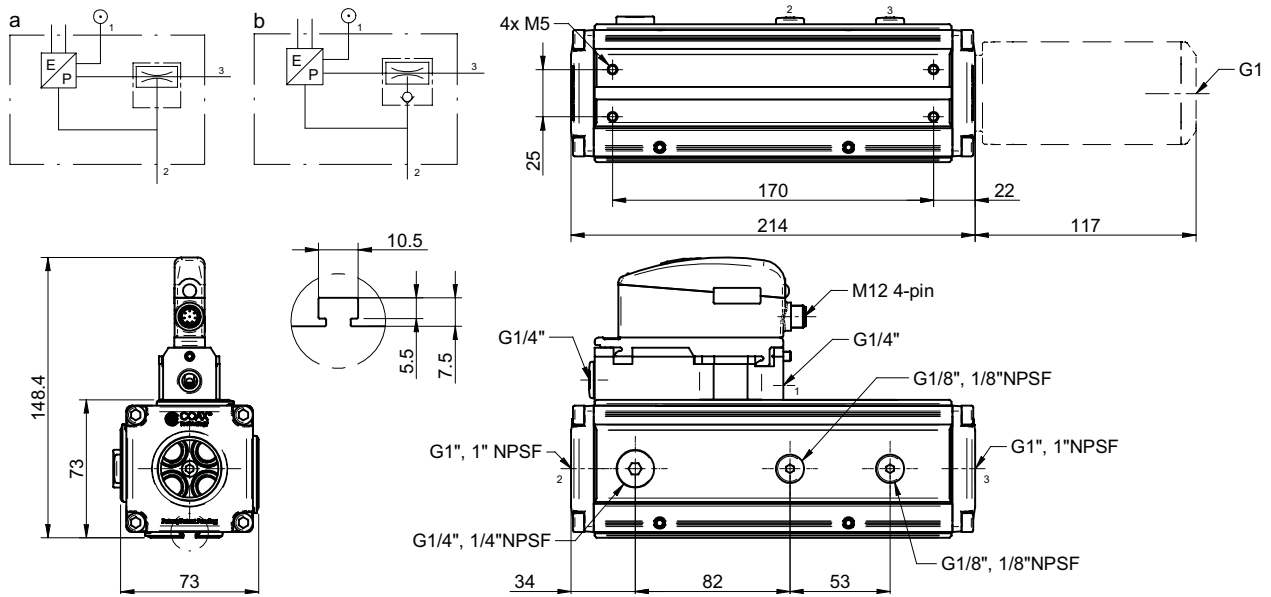
Description	Unit	Value
Feed pressure, max.	MPa	0.7
Noise level, range	dBA	50–70
Material		Al, PA, NBR, SS, PMMA, TPE
Temperature range	°C	0–50
Weight, range	g	2000–2100
Function, on/off		NC
Voltage	VDC	24 (22–28)
Safety classification		IP65 [NEMA 4]
Humidity	%RH	90
Current consumption, nominal	mA	60
Ripple, max.	VP	1 V _{rms}
Flow, blow-off	NI/s	0–7.5

Performance tables

Depending upon choice of COAX® cartridge, applicable performance data of the P6010 CU can be found in the tables for vacuum flow, evacuation time and blow flow for models P6010 Pi, Si and Xi.

Ordering information

1. Housing		P6010 Code
Housing		P6010
2. COAX® cartridge modules		P6010 code
	COAX® cartridge module blind x4	AA
a	COAX® cartridge module Pi48-3X1	AJ
a	COAX® cartridge module Pi48-3X2	AK
a	COAX® cartridge module Pi48-3X3	AL
a	COAX® cartridge module Pi48-3X4	AM
b	COAX® cartridge module Pi48-3X1, non-return valve	AN
b	COAX® cartridge module Pi48-3X2, non-return valve	AO
b	COAX® cartridge module Pi48-3X3, non-return valve	AP
b	COAX® cartridge module Pi48-3X4, non-return valve	AQ
a	COAX® cartridge module Si32-3X1	AB
a	COAX® cartridge module Si32-3X2	AC
a	COAX® cartridge module Si32-3X3	AD
a	COAX® cartridge module Si32-3X4	AE
b	COAX® cartridge module Si32-3X1, non-return valve	AF
b	COAX® cartridge module Si32-3X2, non-return valve	AG
b	COAX® cartridge module Si32-3X3, non-return valve	AH
b	COAX® cartridge module Si32-3X4, non-return valve	AI
a	COAX® cartridge module Xi40-3X1	AR
a	COAX® cartridge module Xi40-3X2	AS
a	COAX® cartridge module Xi40-3X3	AT
a	COAX® cartridge module Xi40-3X4	AU
b	COAX® cartridge module Xi40-3X1, non-return valve	AV
b	COAX® cartridge module Xi40-3X2, non-return valve	AW
b	COAX® cartridge module Xi40-3X3, non-return valve	AX
b	COAX® cartridge module Xi40-3X4, non-return valve	AY
3. Mounting		P6010 Code
Mounting T-slot, Cover plate with PIAB label		01
4. Cover plates		P6010 Code
Function CU NC, cover plate G thread connections		LY
Function CU NC, cover plate NPSF thread connections		LZ
Function CU NC, cover plate G thread connections, separated blow-off		ME
Function CU NC, cover plate NPSF thread connections, separated blow-off		MF
NC = Normally closed valve for vacuum on/off.		
5. Select Connections for vacuum and exhaust		P6010 Code
Connections 2x G1"		51
Connections 2x G1", silencer 1"		52
Connections 2x G3/4"		53
Connections 2x G3/4", silencer 3/4"		54
Connections 2x 1" NPSF		55
Connections 2x 1" NPSF, silencer 1"		56
Connections 2x 3/4" NPSF		57
Connections 2x 3/4" NPSF, silencer 3/4"		58
Example		Ordering number
P6010 Si32-3X2, non-return valve, Mounting T-slot, Cover plate with CU NC function and G-threads, Connections 2x G1" and silencer 1"		P6010 AG 01 LY 52



Ordering information, accessories

Description	Art. No.
Silencer G1"	0112499
Silencer 1" NPSF	0113003
Manometer 1 MPa	0112532
Cable M12 4-pin female, LED indicator, PUR, L=5m	0118013