



CHARACTERISTICS

Pneumatic

Fluid	5 micron filtered and dehumidified air		
Input minimum pressure	As a function of the type of vacuum generator		
Input max pressure	10 bar		
Output pressure	0 ... 9 bar		
Nominal flow rate from 1 to 2 (6 bar Δp 1 bar)	Size 0	Size 1	Size 3
	7 NI /min	1.100 NI /min	4.000 NI/min
Discharge flow rate (at 6 bar with overpressure of 1 bar)	7 NI /min	1.300 NI /min	4.500 NI/min
Air consumption	< 1 NI/min	< 1 NI/min	< 1 NI/min
Supply connection	M5	G1/4"	G1/2"
Service connection	M5	G1/4"	G1/2"
Discharge connection	Ø1,8	G1/8"	G3/8"
Maximum tightening torque for connections	3 Nm	15 Nm	15 Nm

Electric

Supply voltage		24VDC ± 10% (stabilized with ripple<1%)
Current consumption in standby		70mA
Current consumption with actuated S.V.		400mA
**Reference signal	Voltage	*0 ... 10 V *0 ... 5 V *1 ... 5 V
	Current	*4 ... 20 mA *0 ... 20 mA
**Input impedance	Voltage	10 kΩ
	Current	250 Ω
**Digital inputs		24VDC ± 10%
**Digital output		24 VDC PNP (max current 50 mA)

Functional

Linearity	$\pm$ Insensitivity
Hysteresis	$\pm$ Insensitivity
Repeatability	$\pm$ Insensitivity
Sensitivity	0,01 bar
Assembly position	Indifferent
IP Rating	IP65 (with casing fitted)
Ambient temperature	-5° ... 50° / 23°F ... 122°F

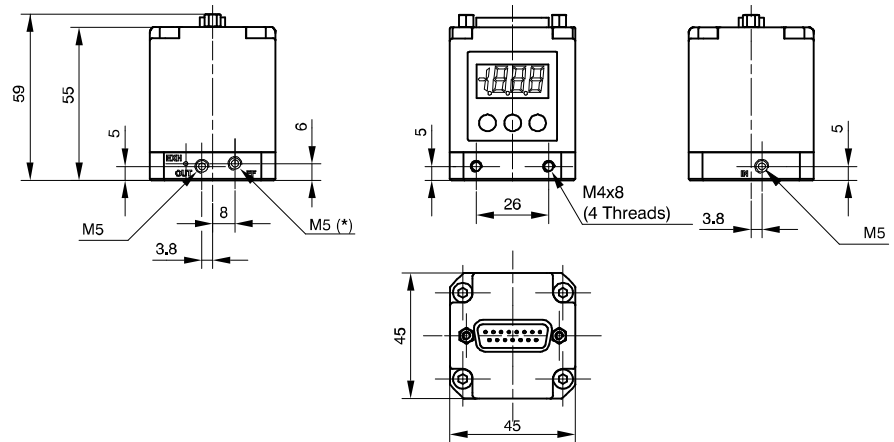
Constructional

Body	Anodised aluminum		
Shutters	Brass with vulcanised NBR		
Diaphragm	Cloth-covered rubber		
Seals	NBR		
Cover for electrical part	Technopolymer		
Springs	AISI 302		
Weight	Size 0	Size 1	Size 3
	168 gr.	360 gr.	850 gr.

* Selectable by keyboard or by RS-232

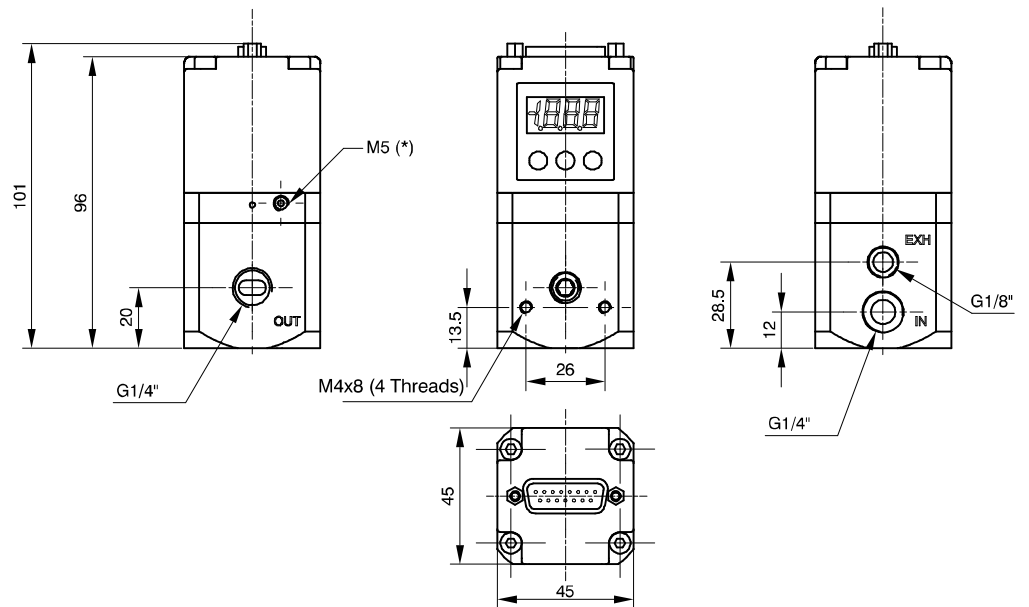
** Valid only for devices with analog input

SIZE 0



* EXTERNAL FEEDBACK INPUT CONNECTION

SIZE 1



* EXTERNAL FEEDBACK INPUT CONNECTION

SIZE 3

