



PNEUMAX



PROPORTIONAL REGULATOR 1700 SERIES INDUSTRIAL ETHERNET FIELDBUS

EtherNet/IP™ 

EtherCAT® 

- Easy connection and quick setup
- Available in three sizes with M5, G1/4 and G1/2 connections
- Anodized aluminum body
- IP65 protection rating
- Centesimal accuracy in regulation

Precision and reliability

The 1700 Series electronic proportional regulators, in new fieldbus versions EtherCAT, PROFINET IO RT, EtherNet/IP and CC-Link IE Field Basic are **available in three sizes** with flow rates of 7, 1100 and 4000 NI/min

The aluminum body, the compact design and the possibility to be mounted in different positions, guarantee maximum reliability and great installation flexibility to meet customer needs. The M12 IN/OUT connectors, the integrated display for viewing and manage command parameters ensure simple, fast and safe setup.

Ordering code



17 E2N . . .

VARIANT

- = Standard version (no additional letters required)
- A** = Exhaust downstream pressure when power supply is removed
- E** = External pressure feedback
- AE** = Version A + Version E

PRESSURE RANGE

0009 = From 0 to 9 bar

PROTOCOL

- EC** = EtherCAT
- PN** = PROFINET IO RT
- EI** = EtherNet/IP
- CL** = CC-Link IE Field Basic

SIZE

- 0** = Size 0
- 1** = Size 1
- 3** = Size 3

Features

Warning: Pressure from 0 to 0,1 bar cannot be adjusted

PNEUMATIC

Fluid	Air filtered at 5 micron and dehumidified		
Minimum inlet pressure	Desired outlet pressure + 1 bar		
Maximum inlet pressure	10 bar		
Outlet pressure	0 ... 9 bar		
	SIZE 0	SIZE 1	SIZE 3
Nominal flowrate from 1 to 2 (6 bar ΔP 1 bar)	7 NI/min	1.100 NI/min	4.000 NI/min
Discharge flowrate (6 bar with 1 bar overpressure)	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	G 1/4	G 1/2
Operating connection	M5	G 1/4	G 1/2
Exhaust connection	Ø1,8	G 1/8	G 3/8
Maximum fitting tightening	3 Nm	15 Nm	15 Nm

ELECTRIC

Supply voltage	24VDC ± 10% (stabilized with ripple <1%)
Standby current consumption	70mA
Current consumption with solenoid valves on	300mA
Connector	M8 4 poles

FUNCTIONAL

Linearity	± Insensitivity
Hysteresis	± Insensitivity
Repeatability	± Insensitivity
Sensitivity	0,02 bar
Assembly position	Indifferent
Protection rating	IP65 (with casing fitted)
Ambient temperature	-5°C ... 50°C / 23°F ... 122°F