



PNEUMAX



PROPORTIONAL REGULATOR 1700 SERIES

EtherCAT®

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

Precision and reliability

The electronic proportional regulators 1700 Series, in the new EtherCAT® fieldbus version, is **available in three sizes** with 7, 1100 and 4000 NI/min flow rates.

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 . . .

SIZE

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

PROTOCOL

EC = EtherCAT®

PRESSURE RANGE

0009 = From 0 to 9 bar

VARIANT

- = Standard version (no additional letters required)
- A = Version with circuit exhaust in absence of power supply
- E = External pressure feedback
- AE = Version A + Version E

Features

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° ... 50° / 23°F ... 122°F		

