



PROPORTIONAL REGULATOR 1700 SERIES INDUSTRIAL ETHERNET FIELDBUS

EtherNet/IP*







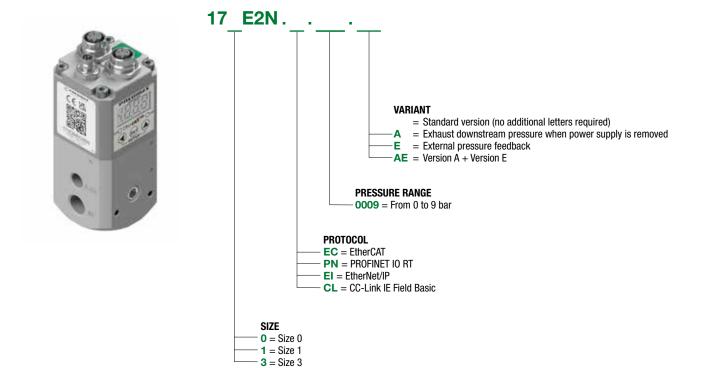
- · Easy connection and quick setup
- Available in three sizes with M5, G1/4 and G1/2 connections
- Anodized aluminum body
- IP65 protection rating
- · Centesimal accuracy in regulation

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



Features

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

PNEUMATIC				
Fluid	Air filtered at 5 mic	Air filtered at 5 micron and dehumidified		
Minimum inlet pressure	Desired outlet pres	Desired outlet pressure + 1 bar		
Maximum inlet pressure	10 bar	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% (stab	24VDC \pm 10% (stabilized with ripple <1%)		
Standby current consumption	70mA			
Current consumption	300m∆	300mA		
with solenoid valves on				
Connector	M8 4 poles	M8 4 poles		
FUNCTIONAL				
Linearity	± Insensitivity	± Insensitivity		
Hysteresis	± Insensitivity	± Insensitivity		
Repeatability	± Insensitivity			
Sensitivity	0,02 bar	0,02 bar		
Assembly position	Indifferent			
Protection rating	IP65 (with casing fi	IP65 (with casing fitted)		
Ambient temperature	-5°C 50°C / 23°F	-5°C 50°C / 23°F 122°F		



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