

GOYEN RCS/RCX SERIES

RAPIDO CONTROL SYSTEM

DESCRIPTION

The Rapido Control System, RCS: Prewired for rapid installation. An innovative filter cleaning control solution to reduce the cost of cabling and installation. The Rapido is suitable for use with up to 20 reverse pulse jet valves with DIN43650A connections.

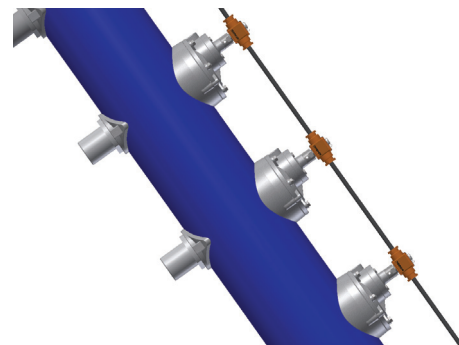
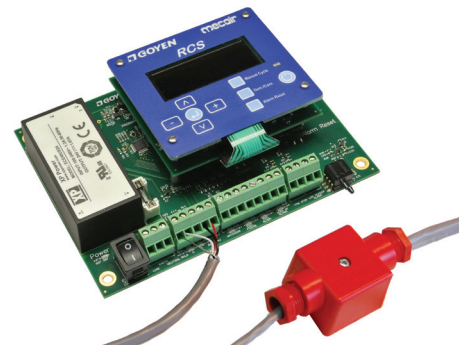
The RCS is made up of an intelligent differential pressure-based master connected to the RCS Smart Wiring System. The RCS provides efficient installation and control for reverse pulse jet filter cleaning applications.

FEATURES

- Prewired construction for fast and simple installation.
- Control up to 20 valves.
- Intelligent clean-on-demand function with integrated differential pressure transducer.
- Solid State construction for reliability and durability.
- Conforms to the requirements of UL, CE, FCC and RCM.

TECHNICAL CHARACTERISTICS & PERFORMANCE

dP Support	0 to 4.5 kPa
Input Voltage	AC: 110/240V @ 50/60 Hz
Output Voltage	24 V DC
Power Consumption	Main Board: 1.6 W, Expansion Card: 0.2 W
Discrete Solenoid Outputs	1 to 20 outputs
Enclosure	Polycarbonate or no enclosure
Protection Rating	Polycarbonate: IP65 & NEMA 1, 4, 4X, 12 & 13
Operating Temperature	-20°C to 70°C (-4°F to 158°F)
ON & OFF Time	ON: 30 ms to 1000 ms, OFF: 1 s to 1000 s
Inputs	Voltage Free: Fan Stop, Low Header Alarm
Outputs	Voltage Free: Watchdog, Coil is Firing, Coil Alarm, High dP



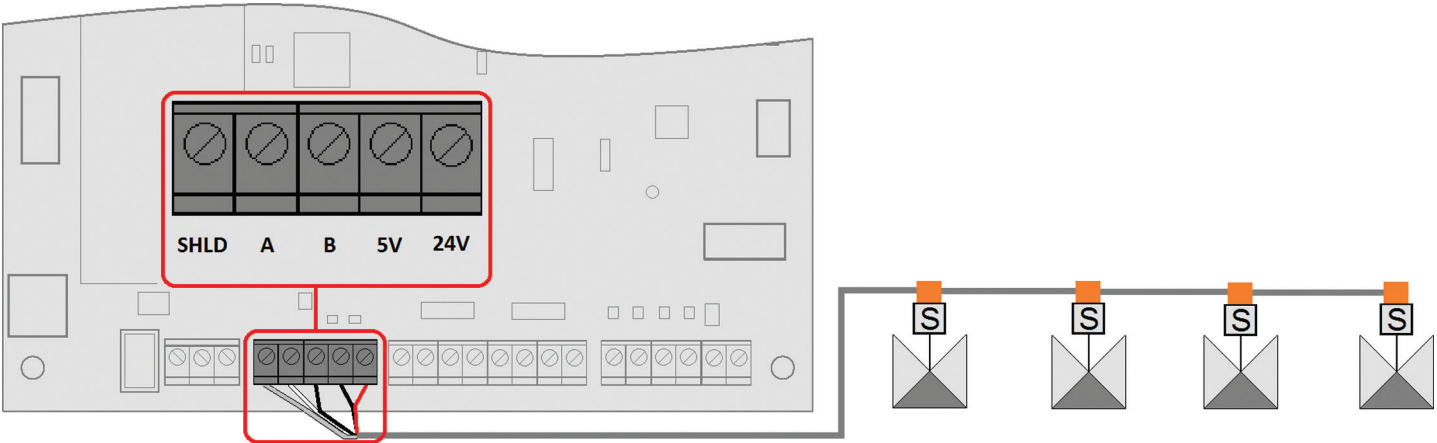
ORDER CODE – RAPIDO CONTROL SYSTEM

RCS –	SAMPLE ORDER CODE: RCS-PC
Enclosure Type	(Rapido Control System, Polycarbonate enclosure)
PC=Polycarbonate	
Blank=No enclosure	
RCX –	– 20 / 250
Number of Outputs	Length Between Solenoids
01=1 to	250 mm
20=20	Length to First Output
	20 m

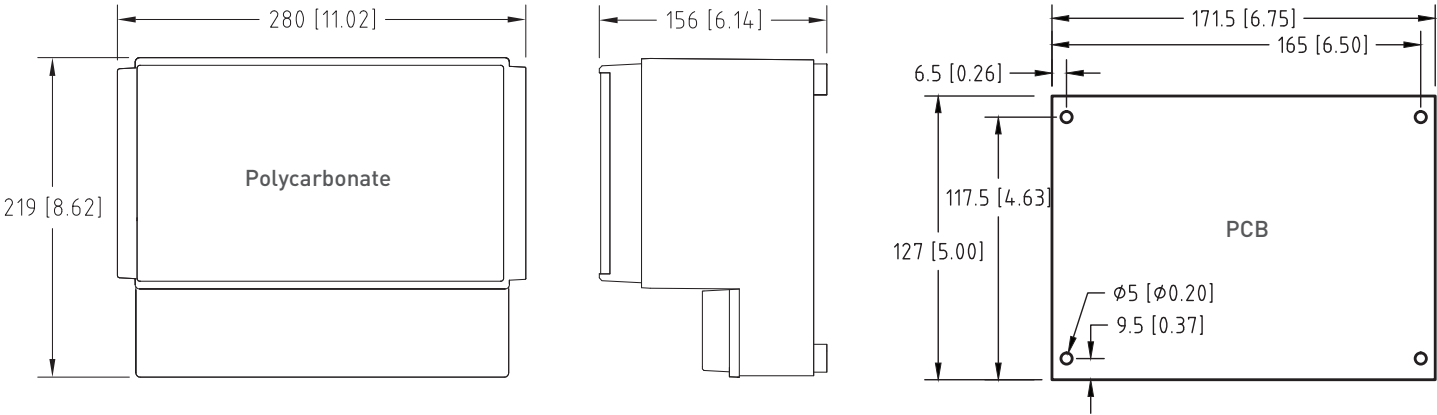
SAMPLE ORDER CODE: RCX-10-20/250

(Rapido Control System, 10 outputs. First solenoid is 20 m from the controller and 250 mm between solenoids thereafter.

LINE DRAWING/SCHEMATIC



PCB BOARD AND ENCLOSURE DIMENSIONS – mm [inch]



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