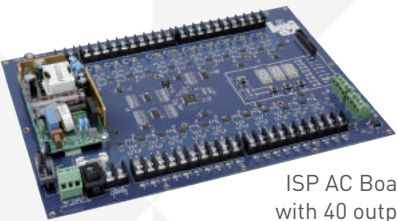**PENTAIR** GOYEN

GOYEN - IS/ISP SERIES
INTEGRATO SEQUENCER

PRODUCT LEAFLET

ISP AC Board
with 12 outputs

ISP AC Board
with 40 outputs

IS
interface screen

ISP
interface screen

DESCRIPTION

The Integrato Sequencer (IS & ISP) features integrated controls intended for use with larger reverse pulse jet filter cleaning systems. The IS & ISP have been designed to operate across a wide range of environmental conditions. It is suitable for use with all types of filters, including bags, cartridges, sintered metal or ceramic filters.

The IS sequencer operates in continuous mode, whereas the ISP has a built-in differential pressure sensor, allowing this sequencer to be demand driven.

IS & ISP may be ordered as the sequencer only or in an enclosure (polycarbonate).

FEATURES

- Low temperature operation –40°C (–40°F)

- Automatic valve detection.

- Voltage-free coil error output and a visual indication on the display showing which pilot valve output has an error, enabling quick fault finding and debugging.

- Controls up to 40 pilot valves. Each AC output can have 10 pilot valves connected in parallel, enabling up to 400 pilot valves to be supported. Each DC output can have 3 pilot valves connected in parallel between –20°C to 60°C (–4°F to 140°F), enabling up to 120 pilot valves to be supported and 2 pilot valves connected in parallel between –40°C to 60°C (–40°F to 140°F), enabling up to 80 pilot valves to be supported.

- Conforms to the requirements of UL, CE, FCC and RCM.

TECHNICAL CHARACTERISTICS & PERFORMANCE

DP SUPPORT	0 to 4.5 kPa
INPUT VOLTAGE	AC: 100/240 V @ 50/60 Hz
OUTPUT VOLTAGE	AC: 100/240 V @ 50/60 Hz (same as input) DC: 24 V
MAXIMUM INPUT POWER	AC IN, AC OUT Model: 225 W AC IN, DC OUT Model: 65 W
DISCRETE SOLENOID OUTPUTS	12, 20 or 40 outputs
ENCLOSURE	Polycarbonate or no enclosure
PROTECTION RATING (LARGE ENCLOSURE)	Polycarbonate: IP 66/67 & NEMA 1, 3, 3S, 4, 4X, 6, 6P & 12
PROTECTION RATING (SMALL ENCLOSURE)	Polycarbonate: IP65 & NEMA 1, 4, 4X, 12 & 13
OPERATING TEMPERATURE	–40°C to 60°C (–40°F to 140°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: Coil Error Analogue Output: 4–20 mA dP signal on the ISP

GOYEN - IS/ISP SERIES
INTEGRATO SEQUENCER

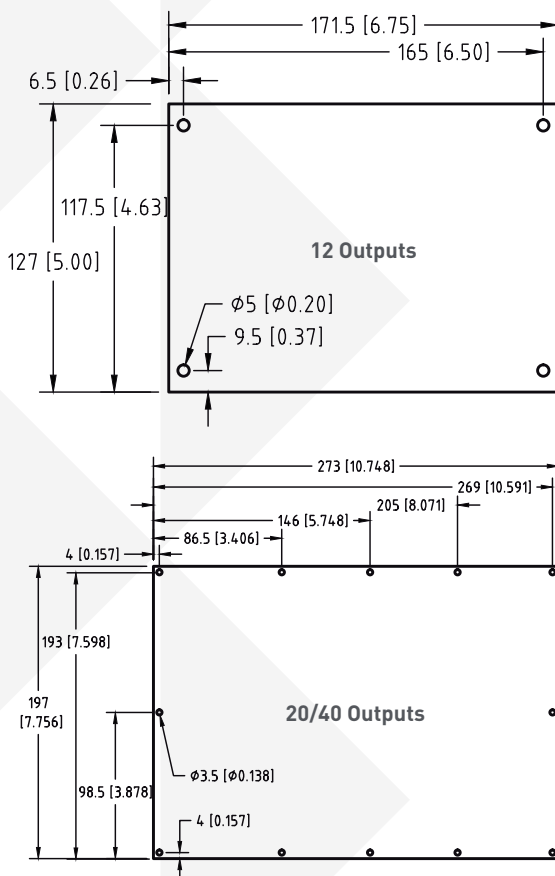PRODUCT LEAFLET

ORDER CODE – INTEGRATO SEQUENCER

Model
IS=no dP sensor
ISP=with dP sensor

Output Voltage
AC=AC V (same as input)
DC=24 V DC

Enclosure Type
PC=Polycarbonate enclosure
Blank=No enclosure
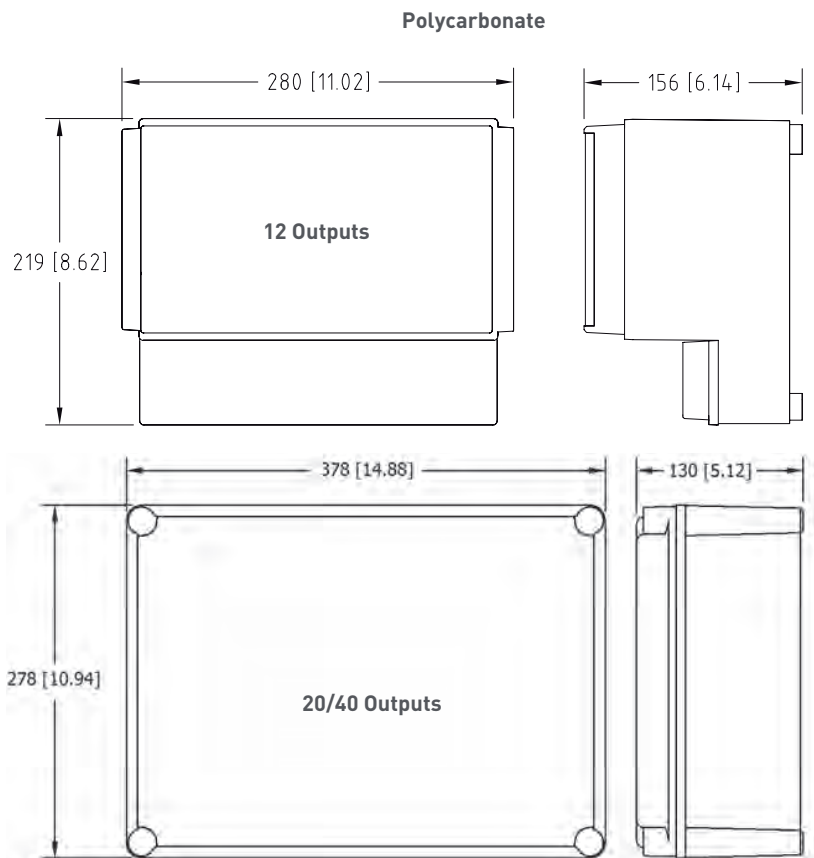
Number of Terminals
12=12
20=20
40=40

SAMPLE ORDER CODE: IS-DC12

(Integrato Sequencer, DC output with 12 terminals and no enclosure)

The Integrato Sequencer Display module can be ordered using the order code: ISD

PCB BOARD DIMENSIONS – MM (INCH)

12 Outputs

20/40 Outputs

ENCLOSURE DIMENSIONS – MM (INCH)

Polycarbonate

12 Outputs

20/40 Outputs

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