

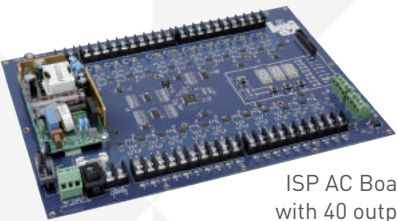
GOYEN - IS/ISP SERIES

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

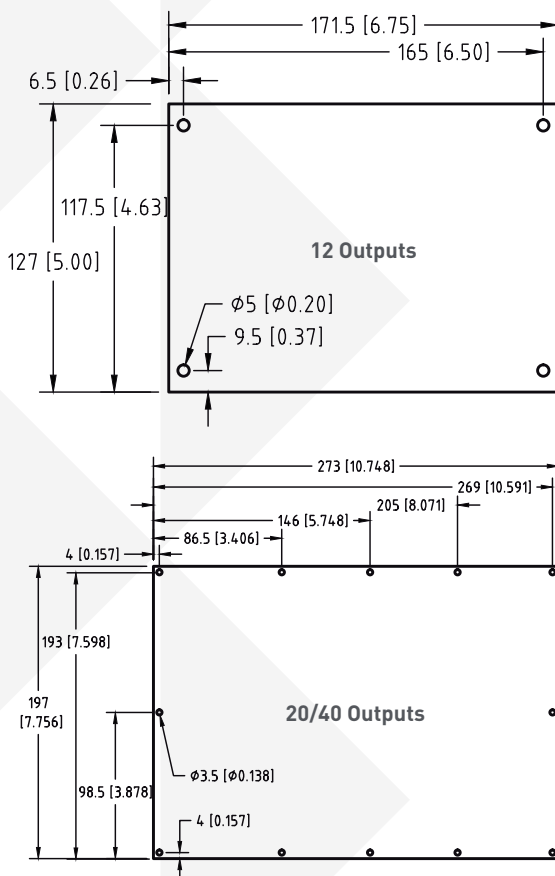
Model	-	-	Enclosure Type
IS=no dP sensor			PC=Polycarbonate enclosure
ISP=with dP sensor			Blank=No enclosure
Output Voltage			Number of Terminals
AC=AC V (same as input)			12=12
DC=24 V DC			20=20
			40=40

SAMPLE ORDER CODE: IS-DC12

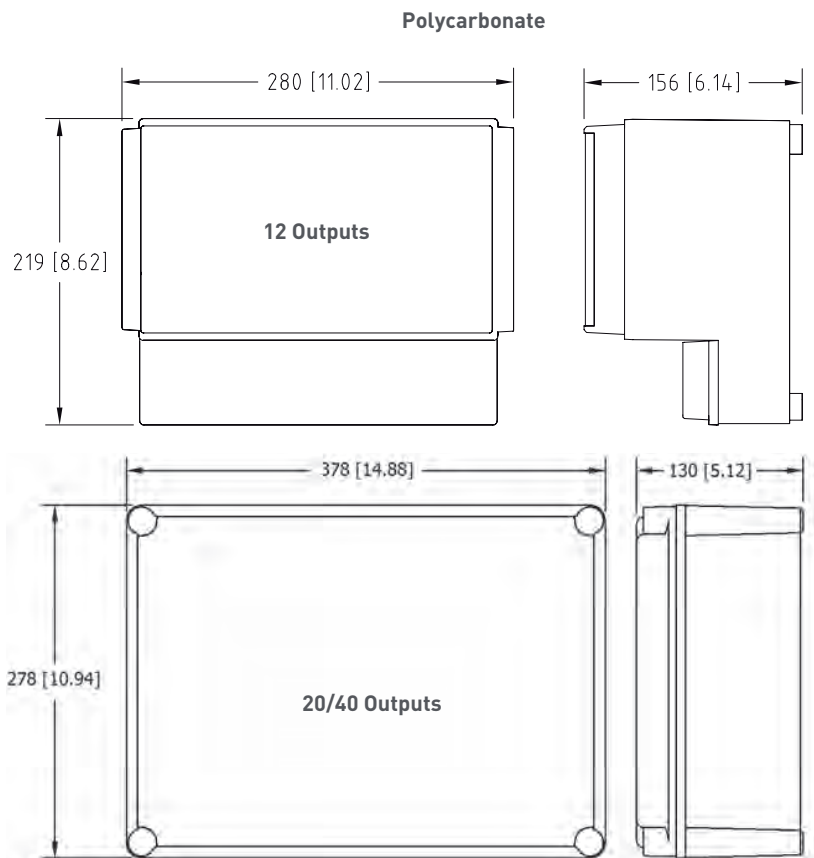
(Integrato Sequencer, DC output with 12 terminals and no enclosure)

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

PCB BOARD DIMENSIONS - MM (INCH)



ENCLOSURE DIMENSIONS - MM (INCH)



GOYEN CONTROLS PTY LIMITED

268 MILPERRA ROAD, MILPERRA NSW 2214, AUSTRALIA WWW.GOYENMECAIR.PENTAIR.COM

Note: The information and data contained in this document are based on our general experience and are believed to be correct. They are given in good faith and are intended to provide a guideline for the selection and use of our products. Since the conditions under which our products may be used are beyond our control, this information does not imply any guarantee of final product performance and we cannot accept any liability with respect to the use of our products. The quality of our products is guaranteed under our conditions of sale. Existing industrial property rights must be observed. PL PENTAIR GOYEN IS/ISP SERIES 3517 © 2017 Pentair. All Rights Reserved.