

# SCOTIA

## INSTRUMENTATION



Input Sensors	Any 4-20mA 2 wire transmitter
Number of Channels	8 channels of 4-20mA
Excitation Voltage	24 volts
Uncertainty in measurement	Sensor + 0.0001%
ADC	18 Bit
Resolution	One part in 100000
Temperature Probe	2 channels of Pt100 (4wire)
Temperature resolution	0.03°C
Temperature accuracy	±0.2°C
Logging interval	One second and upwards
Alarm option	Interval voltage free contact and socket
Digital option	4 digital input/output channels
User interface	<p style="text-align: center;"><b>Rear</b></p> <ul style="list-style-type: none"> <li>1 x USB 2.0</li> <li>1 x USB 3.0</li> <li>2 x Thunderbolt</li> <li>2 x HDMI</li> <li>1 x LAN</li> </ul> <p style="text-align: center;"><b>Front</b></p> <ul style="list-style-type: none"> <li>2 x USB 3.0</li> </ul>
Power Supply	85 to 264Vac 47 to 63Hz @ 2.5A
System operating temperature range	-10°C to 40°C
Internal cooling	Constant positive airflow
Case Size (all sizes in mm)	Width 365 (420 max) Depth 280 Height 115 (240 max)
Weight	4.6kg
Software	Scotia Data Acquisition System Database Program