Technical Specification Sheet

SRO Surface Enclosure

The permanent gauge Surface Read Out (SRO) panel provides the interface to the downhole gauge and enables it to communicate to surface. The panel is common to all permanent guages: piezo, quartz, multi-drop and dual gauge. This NEMA enclosure contains the necessary power supply, communication modules and display (optional). The enclosure is delivered with only the minimum of wellsite connections required.

Ratings & Dimensions

Temperature	-4F(-20C) to 149°F(65°C)
Size	14” x 12” x 6”
Materials	Hot compression molded fiberglass
Latches	padlock latches
Cable Glands	3 Metal cable glands; fits .42” to .75” cable
Primary Input	Downhole permanent gauge raw data
Communication Output	485 or 232 Modbus RTU
Gauge Types	Quartz and Piezo gauges

Data Measurements

Sampling Rate	1Sec. 5Sec, 10Sec ….180mins
Memory	2GB up to 16GB removable Micro SD card
Downhole Tools	1 up to 4 gauge connections
Slave Address	1 (can be set up to 251)
Output	Modbus RTU 485 or 232
Baud Rate	9600 – 19200 bps

Electrical Specification

Power Supply		120 Vac or 24Vdc
Fuse Rating		300mA
SRO Display		10 – 30 Vdc
Single Channel	**Current**	24 Vdc, 200 mA max
	Voltage	120Vac or 22 – 32 Vdc
	Power	4.8W
Four Channel	**Current**	24 Vdc, 450 mA max
	Voltage	120Vac or 22 – 32 Vdc
	Power	6.8W

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