

SRO SURFACE ENCLOSURE



SKU: AN009-000-002

Categories: [Advanced Monitoring](#), [Downhole Instrumentation](#), [KPerm™](#), [Kuster®](#), [Surface Acquisition](#), [Well Monitoring](#)

PRODUCT DESCRIPTION

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 gauges: 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, 10Sec180mins
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
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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

Version Control: 2021.12.14

On-line specifications are for REFERENCE ONLY and subject to change without notice. DO NOT USE FOR FIELD OPERATIONS.