

FEATURES

- Over range Indication
- Under range Indication
- Data hold
- USB port

RS PRO RS-8890 Differential, Gauge Manometer With 2 Pressure Port/s, Max Pressure Measurement 0.137bar, 0.14kgcm², 2

RS Stock No.: 144-5336



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

Introducing the RS PRO RS-8890 Dual Pressure Manometer. This high-quality device from RS PRO measures gauge and differential pressure with high accuracy. This dual-purpose pressure monitor has a wide variety of measurement unit options, meaning that this is a great device that can be used across a wide range of pressure measurement applications.

General Specifications

Model Number	RS-8890
Pressure Port Type	Differential / Gauge
Number of Pressure Ports	2
Pressure Range	±2psi
Selectable Units	mbar / kPa / mmHg / inH2O / in Hg / psi / ftH2O / kgcm ²
Resolution	0.1
Response Time	0.5 seconds
Over Range Indicator	Yes
Under Range Indicator	Yes
Zero Pressure Correction	Yes
Maximum Overpressure	10 psi
Best Accuracy	±0.3%
Display Type	Dual LCD
Low Battery Indicator	Yes
Minimum / Maximum Recordings	Yes
Interface	USB
Applications	HVAC systems, fluid flow measurement, gas pressure monitoring in piping system.

Electrical Specifications

Battery Type	9V
Auto Power Off time	Yes
Low Battery Indicator	Yes

Operation Environment Specifications

Minimum Operating Temperature	0°C
Maximum Operating Temperature	50°C
Storage Temperature Range	-10°C to 60°C

Approvals

Compliance/Certifications	EN
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Specifications

Function	Range	Resolution	Function	Range	Resolution
inH ₂ O	55.40	0.01	ozin ²	32.00	0.01
psi	2.000	0.001	ftH ₂ O	4.612	0.001
mbar	137.8	0.1	cmH ₂ O	140.6	0.1
kPa	13.79	0.01	kgcm ²	0.140	0.001
inHg	4.072	0.001	bar	0.137	0.001
mmHg	103.4	0.1			

Display	Dual LCD
Accuracy	±0.3% FSO (25°C/77°F)
Repeatability	±0.2% (Max. +/- 0.5% FSO: Full scale Output)
Linearity/Hysteresis	±0.29% FSO
Pressure Range	±2 psi
Maximum Pressure	10 psi
Response Time	0.5 Seconds typical
Low Battery Indicator	Yes
Over range Indicator	Err.1
Under range Indicator	Err.2
Operating Conditions	0 to 50°C/32 to 122°F
Storage Conditions	-10 to 60°C/14 to 140°F
Power Supply	1 × 9V Battery

