

FEATURES

- 3-line backlit display
- Best in class:
Fine pressure
resolution up to 0.1Pa
- Full differential range
 ± 200.0 mbar rel.
- Very fast and precise
- Selectable Special
functions
- Excellent
price/performance
ratio
- Durable with long
battery life
- Easy to use universal
pressure ports with
exchangeable
connections
- Modern compact
housing

RS PRO Fine Manometer

RS Stock No.: 205-0963



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.

Manometer

Product Description

Fine pressure manometer for application in Heating / Ventilation / Air-conditioning (HVAC)

The measurement range up to 200 hPa (mbar) / 20 kPa and the high resolution up to 0.1 Pascal in the optimized fine pressure mode covers the main applications for gas pressure 150 hPa (mbar) and burner adjustments with a single instrument.

Selectable Special functions:

- NULL / Tare function
- FINE: Measuring with 0.1 Pa resolution
- AVR: Averaging over 2 s / 5 s / 10 s for stable display of fluctuating pressures

Universal pressure connection:

- equipped with barbed ports for 6 mm and 8 mm hoses
- Port can be adapted to Your special needs by exchanging to many standard G1/8 inch ports like available in pneumatic accessories

General Specifications

Model Name	RS 1107
Pressure Port Type	Differential and relative UT connection for tubes 6 x 1 mm (4 mm inner) and 8 x 1 mm (6 mm inner)
Number of Pressure Ports	2
Pressure Range	-200.0..+200.0 hPa (mbar)
Selectable Units	Pa, hPa, mbar, PSI, mmHg (Torr)
Resolution	1 Pa (FINE-Mode: 0.1 Pa)
Response Time	< 1s
Over Range Indicator	Yes
Under Range Indicator	Yes
Zero Pressure Correction	Yes
Maximum Overpressure	1700 hPa
Alarm	No
Best Accuracy	+/- 0.2 hPa
Display Type	Backlit LCD
Data Logging	No
Leak Testing	No
Low Battery Indicator	Yes
Minimum / Maximum Recordings	Yes, with "Hold" function
Intrinsically Safe	No
Interface	No
Calibration Available	Factory calibration protocol
Applications	<ul style="list-style-type: none"> • For burner adjustment • Gas pressure testing

- Exhaust filter check
- Draft measuring
- Clean room

Electrical Specifications

Battery Type	2 x AA
Battery Life	3000 h
Auto Power Off time	15 minutes, 30, 60, 120, or 240 minutes, or can be disabled
Low Battery Indicator	Yes

Mechanical Specifications

Housing Material	Break-proof ABS housing
Connection Thread Standard	one tube connection, interchangeable with G1/8 universal port
Connection Thread Size	G1/8
Dimensions	
Length	28 mm
Width	54 mm
Height	108 mm
Weight	140 g
Vibration Resistance	Not specified
Shock Resistance	Not specified

Operation Environment Specifications

Relative Humidity	95 % r.h. temporarily 100 % r.h. both non-condensing
Minimum Operating Temperature	-20 °C
Maximum Operating Temperature	+50 °C
Storage Temperature Range	-20 to +70 °C

Protection Category

IP Protection	IP 67 (except pressure connection)
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Additional Information

EAN	4058175682879
Custom Tariff Number	90278020

Approvals

Compliance/Certifications	CE
Declarations	Manufacturer Conformity

Similar Products

Stock No.	RS#	RS#	RS#
Model Number	RS 1113		
Pressure Port Type	Differential		
Number of Pressure Ports	2		
Pressure Range	-2000..+2000 hPa (mbar)		
Selectable Units	hPa, mbar, bar, PSI, mmHg (Torr), [FINE: Pa]		
Resolution	0.1 hPa (Fine- Mode: 1 Pa)		
Response Time	< 1s		
Over Range Indicator	Yes		
Under Range Indicator	Yes		
Zero Pressure Correction	Yes		
Maximum Overpressure	3100 hPa		
Alarm	Nein		
Best Accuracy	+/- 2 hPa		
Display Type	Backlit LCD		
Data Logging	No		
Leak Testing	No		
Low Battery Indicator	Yes		
Minimum / Maximum Recordings	Yes, with "Hold" function		



Exchangeable pressure ports