SI - RM3

Smart wireless manifold P/T probes with dual valves

Product informations

SI - RM3 smart wireless manifold probes for pressure and temperature measurements in a refrigeration system.

Product features

- light and curved design for easy plug-in to facilities
- dual valve system for simultaneous measurement and charge/discharge of refrigerant
- built-in Shrader® cores for easy refrigerant charging
- range up to 60 bar
- reduce the use of cumbersome hoses
- overmoulding for easy handling and protection
- long range wireless connection 4.2 low energy

Manifold features

- superheat and subcooling real time calculation
- condiguration of superheat/subcooling target values
- heating and cooling functions
- 126 refrigerant gases with favorite list

Vacuometer Features

- vacuum measurement function

- configuration of vacuum target value
- temperature of water evaporation

The kit consists of

- 2 pressure probes Ref: *Si-RM1*
- 2 temperature probes Ref: *Si-RM2*
- certificate of conformity
- user manual
- 6 AAA batteries
- soft case Ref: *Si-RM4*

Manifold App features

- clear interface for easy reading in any condition
- gauge, table or graphic visualizations
- creation of measurements report with possibility to add pictures
- report exportation in PDF, CVS and XML formats
- data logging
- chronometer function
- free app for iOS and Android devices (*minimum required versions: Android 4.4, iOS 8.0*)

Download here!

- **https://apps.apple.com/us/app/si-manifold/id1294563130**
- **https://play.google.com/store/apps/details?id=com.sauermann.si_manifold&hl=en**

	TOOL DESCRIPTION
1	FEMALE CONNECTOR ¼'' FFL WITH SCHRADER® DEPRESSOR

Via Marco Polo 33
35020 Albignasego
Padova – Italy

P.IVA: 03859580288
Tel: +39 049 8625910
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TOOL DESCRIPTION	
2	IDENTIFICATION LABEL
3	MALE CONNECTOR ¼'' MFL WITH SCHRADER® VALVE
4	CAP
5	INPUT FOR TEMPERATURE CLAMP PROBE
6	OPERATING LED
7	ON/OFF BUTTON

Technical Features

PRESSURE	
PRESSURE VALVES	2 VALVES
MEASURING RANGE	- 1 ÷ 60 BAR
PRESSURE SENSING ACCURACY	± 0.5% OF FULL SCALE
AVAILABLE UNITS	PSI, MPA, KPA, BAR
REFRIGERANT DATABASE	126 REFRIGERANT GASES CFC, HFC, HCFC, N, CO_2, H_2O (*SEE THE COMPLETE LIST IN THE USER MANUAL*)
RESOLUTION	0.1 PSI, 0.001 MPA, 1 KPA, 0.01 BAR
OVERPRESSURE	65 BAR
BREAKING PRESSURE	150 BAR
OPERATING TEMPERATURE	- 20 ÷ 50°C
STORAGE TEMPERATURE	- 20 ÷ 60°C
TEMPERATURE	
NUMBER OF PROBE	2 CLAMP PROBES

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TEMPERATURE PROBE	HIGH ACCURACY NTC THERMISTORS
TEMPERATURE SENSOR FIELD	- 40° ÷ 150°C
TEMPERATURE ACCURACY	± 1.3°C
MAX OPERATING TEMPERATURE	• CLAMPS: 150°C • CABLE: 105°C • HANDLE: 90°C
AVAILABLE UNITS	°C, °F, K
RESOLUTION	0.1°C, 0.1°F, 0.1 K
PIPE DIAMETERS	FROM 6 TO 42 MM
CABLE	2 M LENGTH WITH REINFORCED 3 POINT JACK CONNECTOR - Ø 3.2 MM - PVC MATERIAL - MAX. TEMPERATURE 105°C
DEVICE	
ENVIRONMENTAL CONDITIONS OF USE	• HUMIDITY: NOT UNDER CONDENSING CONDITIONS (<80% RH) • MAXIMUM ALTITUDE: 2000 M • NON-CORROSIVE OR COMBUSTIBLE GASES
BATTERY LIFE	250 H (FOR ONE MEASUREMENT EVERY SECOND AT 20°C)
BLUETOOTH® RANGE	UP TO 30 M (DEPENDS ON THE WIRELESS CONNECTION RANGE OF THE SMARTPHONE AND TABLET)
CASING	
MATERIAL	• WIRELESS SMART PROBE: ABS-PC AND THERMOPLASTIC ELASTOMER • TEMPERATURE CLAMP PROBES: POLYAMIDE 6.6 • MANIFOLD BODY: ANODIZED ALUMINUM
POWER SUPPLY	3 AAA 1.5V ALKALINE BATTERIES

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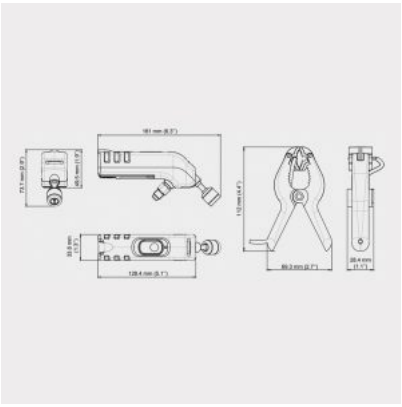
DEGREE OF PROTECTION	IP54 (PROTECTED AGAINST SPLASHING WATER FROM ANY DIRECTION AND PROTECTED AGAINST DUST SUCH THAT IT DOES NOT INTERFERE WITH THE OPERATION OF THE DEVICE)
WEIGHT	560 G

SKU	MODEL	PRICE
00000011641	SI-RM3	€819.2 VAT EXCLUDED











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