

PCMini52

The microprocessor control and multi-point calibration gives the digital PCMini52 Digital RH transmitter excellent performance in terms of accuracy and linearity.

Product Parent Code: PCMINI52-S/PCMINI52-X		
Relative Humidity & Temperature Mini Probe (ø12mm (0.47") with slotted protection cap, black)		
Product Ordering Code {Feature A}+{Feature B}+{Feature D}+{Feature E}+{Feature F}+{Feature G}		
Feature	Item	Description
Feature {A}	Base Model	
	PCMINI52-S	Base unit (SS body)
	PCMINI52-X	Base unit (Molded polymer body)
Feature {B}	Signal Output	
	3	0-10 V
	4	0-5 V
	5	0-1 V
Feature {C}	No longer required (product configuration changed (June 2016))	
Feature {D}	Moisture Signal	
	H	RH
	D	Calculated dp temp (<i>Range (Td) -40 to +60°C (-40 to +140°F) - Only possible with Temp Signal T1</i>)
	A	Calc absolute humidity (Abs) (<i>Range Abs from 0-200g/m³ - Only possible with Temp Signal T1</i>)
	W	Calculated wetbulb temp (<i>Range (Tw) -40 to +60°C (-40 to +140°F) - Only possible with Temp Signal T1</i>)
Feature {E}	Temperature	
	X	No T output (Not available with 0 - 10 V)
	T0	0 to +100°C (32 to +212°F)
	T1	-20 to +80°C (-4 to +176°F)
	T3	0 to +50°C (32 to +122°F)
	T6	-40 to +60°C (-40 to +140°F)
	TX	Other output range available on request
Feature {F}	Cable with Mating Connector	
	CA	No cable
	CB	12mm (0.47") connector with 2m (6.5') cable
	CC	12mm (0.47") connector with 5m (16') cable
	CD	12mm (0.47") connector with 10m (32.8') cable
	CE	12mm (0.47") Connector with 20m (25.6') cable
Feature {G}	Filter	
	F03	12mm (0.47") Slotted protection cap, black (standard)
	F18	12mm (0.47") PVDF filter with protection cap, black
	F22	12mm (0.47") Mesh filter with protection cap, black
	F23	12mm (0.47") Flat SS sintered dust filter
	F28	12mm (0.47") Arrow 20 µm SS sintered filter
	F46	13mm (0.51") HDPE protection cap

Ordering Example

PCMINI52-X+4+H+T1+CA+F03	Relative humidity and temperature mini probe PC52, 0-5V output, molded polymer, 0-100% RH signal, -20 to +80°C temperature range, no cable, 12mm slotted protection cap, black
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PCMini52 ACCESSORIES AND SPARE PARTS

Order Codes	Product / Description
A000003	12mm (0.47") Slotted protection cap black
A000017	12mm (0.47") PVDF filter
A000018	12mm (0.47") PVDF filter w/ protection cap black
A000022	12mm (0.47") Mesh filter w/ protection cap black
A000023	12mm (0.47") Flat SS sintered dust filter
A000028	12mm (0.47") Arrow 20µm SS sintered filter
A000033	12mm (0.47") connector with 2m (6.5') cable
A000036	12mm (0.47") connector with 5m (16') cable
A000037	12mm (0.47") connector with 10m (32.8') cable
A000322	12mm (0.47") Connector with 20m (25.6') cable
A000046	13mm HDPE Protection cap
A000101	1/2" NPT SS adj. fitting for SS probes
A000111	Al mounting flange for ø12mm (0.47") SS probes (outside ø40mm (1.57"))
A000120	ø90mm (3.54") WM weather prot. cap (for ø19mm (0.75") probes)
A000125	ø120mm (4.72") WM weather prot. cap (for ø19mm (0.75") probes)
A000321	12mm (0.47") connector without cable (with solder terminal)
A000321-xx	12mm (0.47") connector - Connector
xx = total length - i.e. A000321-20	- Cable (price per meter)

Please note: Michell Instruments adopts a continuous development program which sometimes necessitates specification changes without notice. Please contact us for latest version. Issue No: PCMini52_97176_V2_UK_0618