PC33 & 52

The PC series offers a comprehensive range of relative humidity probes for accurate, stable and repeatable measurements.

Product Parent Code: PC33/PC33-2 **Analog Relative Humidity and Temperature Probe (with 1pt calibration, ø19mm (0.75"))**		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}+{Feature D}+{Feature E}+{Feature F}		
Feature	**Item**	**Description**
Feature {A}	**Base Model**	
	PC33	Base unit with voltage output
	PC33-2	Base unit (4-20 mA signal output)
Feature {B}	**Signal Output - Only available with PC33**	
	3	0-10 V
	4	0-5 V
	5	0-1 V
Feature {C}	**Body**	
	SX	SS
	XX	Molded polymer
Feature {D}	**Temperature**	
	X	No T output RH only
	TX	Other output scaling available on request
	T1	-20 to +80ºC (-4 to +176ºF)
	T3	0 to +50ºC (+32 to +122ºF)
Feature {E}	**Cable**	
	CA	No cable
	CB	19mm (0.75") connector, no cable, w/screw terminal
	CC	19mm (0.75") connector with 2m (6.5') cable
	CD	19mm (0.75") connector with 5m (16') cable
Feature {F}	**Filter**	
	F02	19mm (0.75") slotted protection cap black
	F15	19mm (0.75") PVDF filter with protection cap black
	F21	19mm (0.75") Mesh filter with protection cap, black
	F25	19mm (0.75") Arrow SS sintered filter 5µm
	F27	19mm (0.75") Arrow SS sintered filter 20µm
	F40	19mm (0.75") Foil filter 2µm with protection cap black
	F42	Oleophobic foil filter 0.7µm with protection cap black

Product Parent Code: PC52/PC52-2 **Analog Relative Humidity and Temperature Probe (with 2pt calibration, ø19mm (0.75"))**		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}+{Feature D}+{Feature E}+{Feature F}		
Feature	**Item**	**Description**
Feature {A}	**Base Model**	
	PC52	Base unit with voltage output
	PC52-2	Base unit (4-20 mA signal output)
Feature {B}	**Signal Output - Only available with PC52**	
	3	0-10 V
	4	0-5 V
	5	0-1 V
Feature {C}	**Body**	
	SX	SS
	XX	Molded polymer
Feature {D}	**Temperature**	
	X	No T output RH only
	TX	Other output scaling available on request
	T1	-20 to +80ºC (-4 to +176ºF)
	T3	0 to +50ºC (+32 to +122ºF)
Feature {E}	**Cable**	
	CA	No cable
	CB	19mm (0.75") connector, no cable, w/screw terminal
	CC	19mm (0.75") connector with 2m (6.5') cable
	CD	19mm (0.75") connector with 5m (16') cable

Feature {F}	Filter	
	F02	19mm (0.75") slotted protection cap black
	F15	19mm (0.75") PVDF filter with protection cap black
	F21	19mm (0.75") Mesh filter with protection cap, black
	F25	19mm (0.75") Arrow SS sintered filter 5µm
	F27	19mm (0.75") Arrow SS sintered filter 20µm
	F40	19mm (0.75") Foil filter 2µm with protection cap black
	F42	Oleophobic foil filter 0.7µm with protection cap black

Ordering Example

PC33+4+XX+T3+CA+F02	Relative humidity and temperature probe PC33, 0-5 V output, molded polymer, temperature range 0 to +50ºC, no cable, slotted protection cap, black

PC33 & PC52 ACCESSORIES AND SPARE PARTS

Order Codes	Product / Description
A000002	19mm (0.75") Slotted protection cap black
A000014	19mm (0.75") PVDF filter
A000015	19mm (0.75") PVDF filter w/ protection cap black
A000021	19mm (0.75") Mesh filter w/ protection cap black
A000025	19mm (0.75") Arrow 5µm SS sintered filter
A000027	19mm (0.75") Arrow 20µm SS sintered filter
A000030	19mm (0.75") connector, no cable, w/screw terminal
A000030-XM XM= total length in meters i.e. A000030-20M	19mm (0.75") Connector - Connector - Cable (price per meter)
A000031	19mm (0.75") connector with 2m (6.5') cable
A000032	19mm (0.75") connector with 5m (16') cable
A000040	19mm (0.75") Foil filter 2µm w/protection cap black
A000042	19mm (0.75") Oleophobic foil filter 0.7µm (w/protection cap black)
A000100	3/4" NPT SS adj. fitting for SS probes
A000110	Al mounting flange for ø19mm (0.75") SS probes (outside ø80mm (3.15"))
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)
A000150	Mini flange for ø19mm (0.75") polymer probe

Please note: Michell Instruments adopts a continuous development program which sometimes necessitates specification changes without notice. Please contact us for latest version. Issue No: PC33 and52_97178_V3_UK_0618