

## SF52

The SF52 dew-point transmitter can provide 4–20 mA or voltage signal for either dew point or absolute humidity with excellent accuracy and linearity.

Product Parent Code: SF52-TX Dew-point Transmitter (with HDPE filter and bonded seal)		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}+{Feature D}+{Feature E}		
Feature	Item	Description
Feature {A}	Base Model	
	SF52-TX	Base unit
Feature {B}	Signal Output	
	2	4-20 mA (3-wire)
	3	0-10 V
	4	0-5 V
	5	0-1 V
Feature {C}	Output Scaling	
	S	Absolute humidity g/m <sup>3</sup>
	X	Dew point °C
Feature {D}	Range	
	D1	-40 to +60°Cdp (-40 to +140°F) output
	D2	-30 to +30°Cdp (-22 to +86°F) output
	D3	0-200g/m <sup>3</sup>
	DX	Non-standard ranges available upon request
Feature {E}	Mount	
	B	G1/2" BSP thread
	N	1/2" NPT thread
Feature {F}	Diagnostics	
	F1	Underage/overage off
	F2	Underage/overage on

### Ordering Example

SF52-TX+2+X+D1+B+F2	Dew-point transmitter SF52, 4-20 mA, dew point scaling, dew point range -40 to +60°C (-40 to +140°F), G1/2" BSP process connection, underage/overage off
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## SF52 ACCESSORIES AND SPARE PARTS

Order Codes	Product / Description
A000019	HDPE filter
A000340	Bonded seal (DIN ISO 228) G1/2" (BSP)
A000350	Sample block without filter (G1/2" BSP only)
A000351	Sample block with filter (G1/2" BSP only)

## SF52 CALIBRATION SERVICES

Order Codes			Product / Description		
Feature {A}	Base Model				
	SF52-TX-SER	Recalibration of SF52 Transmitter			
Feature {B}	Readings before				
	NR	No Readings before calibration			
	RBDP3	Readings before calibration dewpoint (-30, -10, +10°Cdp)			
	RBDP5	Readings before calibration dewpoint (-30, -20, -10, 0, +10°Cdp)			
Feature {C}	DP adjustment (supplied with traceable calibration certificate)				
	DP3	3-points -30, -10, +10°Cdp			
	DP5	5-points -30, -20, -10, 0, +10°Cdp			
	DPX	Additional DP-point (DP range -40...+18°Cdp)			
Feature {D}	T adjustment				
	T	dew point calibration on ambient temperature (23°C)			
	TX	dew point calibration on other temperature than ambient (range 10...50°C)			

All the above mentioned prices do NOT cover any repairs that may be needed, additional required repairs will be quoted.  
In case a quotation is not accepted, MIL BV will charge a minimal research fee of 25 Euro for each unit (excluding freight charges).

### Ordering Example

SF52-TX-SER-NR-DP3-T	Service SF52-TX, no readings before calibration, calibration 3-points -30, -10, +10°Cdp @ temperature ambient
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Please note: Michell Instruments adopts a continuous development program which sometimes necessitates specification changes without notice. Please contact us for latest version. Issue No: SF52\_97181\_V2\_UK\_Order Codes\_0618