

## SF72 DEW-POINT TRANSMITTER (Due for obsoleting in 2021 and replaced with SF82)

A rugged polymer dew-point transmitter for continuous measurement in industrial dryer applications

<b>Product Parent Code: SF72-TX</b>		
<b>SF72 Transmitter 2-Wire 4-20mA Output</b>		
<b>Product Ordering Code {Feature A}+{Feature B}+{Feature C}+{Feature D}</b>		
Feature	Item	Description
<b>Feature {A}</b>	<b>Base Model</b>	
	SF72-TX	SF72 Transmitter 2-Wire 4-20mA Output
<b>Feature {B}</b>	<b>Type</b>	
	B1	G1/2" BSP Process Connection
	B2	3/4" UNF Process Connection
	B3	5/8" UNF Process Connection
<b>Feature {C}</b>	<b>Range</b>	
	* C1	-60/+60°Cdp output scaled 4-20mA range
	C2	-50/+50°Cdp output scaled 4-20mA range
	C3	-50/+30°Cdp output scaled 4-20mA range
<b>Feature {D}</b>	<b>Protection</b>	
	D1	Standard HDPE guard (for protection against fine particulates (<10 µm))
	D2	SS sintered guard (for protection against fine particulates (<80 µm))

\* - Order this range for the MDM50

\*\* - Non-standard scaled ranges available upon request - refer to Peter Shepherd

### Ordering Example

<b>SF72-TX+B1+C2+D1</b>	<b>SF72 Transmitter, 2-wire, 4-20mA output, G 1/2" BSP, measurement range -50 to +50°Cdp, HDPE guard</b>
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## SF72 DEW-POINT TRANSMITTER ACCESSORIES AND SPARE PARTS

Order Codes	Product / Description	Process Connection		
		G1/2" BSP	3/4" UNF	5/8" UNF
<b>Spares</b>				
EA2-HDPE	Pack of 10 replacement HDPE guards (for protection against fine particulates <10µm)	✓	✓	✓
SSG	SS sintered guard replacement (for protection against fine particulates <80µm)	✓	✓	✓
SSF-PF-10PK	Pack of 10 particulate filter cartridges (for protection against fine particulates < 0.1µm (for Sampler Kits))	✓		✓
GEN-LABEL	Additional/replacement transmitter labels (price per 2 off labels)	✓	✓	✓
BS-12-PK5	G1/2" Bonded Seal for process connection (pack of 5)	✓		
OR-34-PK5	3/4" UNF Viton O-ring for process connection (pack of 5)		✓	
BS-58-PK5	5/8" UNF Bonded Seal for process connection (pack of 5)			✓
EA2-SC	MiniDIN sensor connector socket	✓	✓	✓
EA2-SCG	Sensor Connector MiniDIN Gasket	✓	✓	✓
<b>Sampling Accessories</b>				
APT-PAN	5/8" UNF (Internal) to 3/4" UNF (External) Adapter Collar			✓
APT-GEI	5/8" UNF (Internal) to G1/2" (External) Adapter Collar			✓
APT-TSO	5/8" UNF (Internal) to 1/2" NPT (External) Adapter Collar			✓
SB-12	G1/2" SS sample block (with 1/8" NPT inlet & outlet ports)	✓		
SB-12-QF	G 1/2" Quick Fit Sample Block with DN7.2 Quick Connector for compressed air. Outlet vent to atmosphere	✓		
SB-58-QF	5/8" UNF Quick Fit Sample Block with DN7.2 Quick Connector for compressed air. Outlet vent to atmosphere			✓
SB-34	3/4"UNF SS sample block (with 1/8" NPT inlet & outlet ports)		✓	
CSB	5/8" UNF SS sample block (with 1/8" NPT inlet & outlet ports)			✓
EA2-SAM	5/8" UNF Sampler Kit (for atmospheric or pressure dp measurements, 145 psig/10 barg max)			✓
EA2-SAM-HP	5/8" UNF HP (High Pressure) Sampler Kit - (for atmospheric or pressure dp measurements, 2900 psig/200 barg max)			✓
PTFE-xx	PTFE sample tube 6mm (0.24") O/D thick-walled (for Sampler Kit) (xx = length of tube in meters - price per meter- above 0.5m)	✓		✓
<b>Electrical Accessories</b>				
EA2-CAB-0.8	Cable, 0.8m (2.62') length with mini-DIN mating socket	✓	✓	✓
EA2-CAB-02	Cable, 2m (6.56') length with mini-DIN mating socket	✓	✓	✓
EA2-CAB-05	Cable, 5m (16.4') length with mini-DIN mating socket	✓	✓	✓
EA2-CAB-10	Cable, 10m (32.8') length with mini-DIN mating socket	✓	✓	✓
Other cable lengths available upon request				

## SF72 DEW-POINT TRANSMITTER ACCESSORIES AND SPARE PARTS

Order Codes		Product / Description
<b>Product Ordering Code {Feature A}+{Feature B}</b>		
<b>Feature {A}</b>	<b>Type</b>	
	EAU-CK	Easidew, SF82 & Pura Universal Comms Kit
<b>Feature {B}</b>	<b>Cable</b>	
	B1	EA2 MiniDIN Connector 0.5m sensor lead
	B2	EA PRO IS & EA PRO XP Terminal Block Connector 0.5m sensor lead
	B3	EA2 5 Way M12 Connector 0.5m sensor lead (not suitable for SF72 Rail M12 4 pin)

## EAU-CK ACCESSORIES AND SPARE PARTS

EAU-CK-CAB1	Spare EA2 MiniDIN Connector 0.5m sensor lead
EAU-CK-CAB2	Spare EA PRO IS & EA PRO XP Terminal Block Connector 0.5m sensor lead
EAU-CK-CAB3	Spare EA2 5 Way M12 Connector 0.5m sensor lead (not suitable for SF72 Rail M12 4 pin)

## SF72 DEW-POINT TRANSMITTER SERVICES

Order Codes		Product / Description
<b>Product Ordering Code {Feature A}+{Feature B}+{Feature C}</b>		
<b>Feature {A}</b>	<b>Base Model</b>	
	SF72-TX-X	Service exchange, reconditioned SF72 (supplied with traceable calibration certificate. Old sensor to be returned to MIL in 21 days)
<b>Feature {B}</b>	<b>Type</b>	
	B1	G1/2" BSP Process Connection
	B2	3/4" UNF Process Connection
	B3	5/8" UNF Process Connection
<b>Feature {C}</b>	<b>Range</b>	
**	C1	-60/+60°Cdp output scaled 4-20mA range
	C2	-50/+50°Cdp output scaled 4-20mA range
	C3	-50/+30°Cdp output scaled 4-20mA range
<b>Feature {D}</b>	<b>Protection</b>	
	D1	Standard HDPE guard (for protection against fine particulates (<10 µm))
	D2	SS sintered guard (for protection against fine particulates (<80 µm))
<b>** - Non-standard scaled ranges available upon request - refer to Product Manager</b>		

## SF72 CALIBRATION SERVICES

SF72-TX-Recal	Recalibration of SF72 Transmitter (Supplied with traceable calibration certificate)
READINGS-DPS	Readings before calibration (calibration data recorded before adjustment) - Dew-Point Sensors

Please note: Michell Instruments adopts a continuous development program which sometimes necessitates specification changes without notice. Please contact us for latest version. Issue No: SF72\_97324\_V4 UK\_0221