

Easidew DryCheck Self-Contained Dew-Point Hygrometer

Product Parent Code: EA2-DC

A mains powered, self contained, wall mount dew-point instrument with display, alarms, analog output, sample block, upstream filtration, flow indicator & control, configured for pressure dew point.

Base Model

Hygrometer Sample System fitted with Easidew MiniDIN Dew-Point Transmitter	EA2-DC-A
Hygrometer Sample System fitted with SF82 MiniDIN Dew-Point Transmitter	EA2-DC-B

Product Parent Code: EA2-TX

Easidew 2-wire Dew-Point Transmitter (4-20mA output, 5/8" UNF thread)

Base Model

Easidew 2-wire Dew-Point Transmitter (4-20mA output, 5/8" UNF thread)	EA2-TX
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Range

-100 to +20°C (-148 to +68°F) dp range	A
-110 to +20°C (-166 to +68°F) dp range	B
Non-standard measurement range: v = zero value, w = full scale value, x = unit (C = °Cdp, F=°Fdp, P=ppmV) y = Pressure for ppmV conversion in bar/psi, z = pressure unit (PG=psig, PA=psia, BG=barg, BA=bara) blank = 0 barg/psig e.g. 0-100ppm @ 10barg = 0/100P-10BG	R

Protection

Standard HDPE guard (for protection against fine particulates (<10 µm))	A
SS sintered guard (for protection against fine particulates (<80 µm))	B

Oxygen - cleaned for oxygen service (only if required)

Oxygen cleaning not required	A
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Ordering Example

EA2-TX-AAA	Easidew Transmitter, 2-wire, 4-20 mA output , measurement range -100 to +20°C (-148 to +68°F) dp, HDPE guard. Oxygen cleaning is not required.
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Product Parent Code: SF82-TX

SF82 Transmitter 2-Wire 4-20mA Output

Base Model

A rugged dew-point transmitter for continuous measurement in industrial dryer applications	SF82-TX
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Type

G1/2" BSP Process Connection	A
3/4" UNF Process Connection	B
5/8" UNF Process Connection	C

Range

-60/+60°Cdp output scaled 4-20mA range	A
-50/+50°Cdp output scaled 4-20mA range	B
-50/+30°Cdp output scaled 4-20mA range	C
-80/+20°Cdp output scaled 4-20mA range	D
-20/+50°Cdp output scaled 4-20mA range	E
Non-standard measurement range: v = zero value, w = full scale value, x = unit (C = °Cdp, F=°Fdp, P=ppmV) y = Pressure for ppmV conversion in bar/psi, z = pressure unit (PG=psig, PA=psia, BG=barg, BA=bara) blank = 0 barg/psig e.g. 0-100ppm @ 10barg = 0/100P-10BG	R

Protection

Standard HMWPE guard (for protection against fine particulates (<10 µm))	A
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Electrical Connector

MiniDIN 43650	A
M12 5 Pin	B

5 Pin mating connector is not supplied with the product and should be ordered separately from the accessories list

Selection of M12 5 pin connector version enables the Easidew M12 to output 4 to 20 mA and Modbus RTU over RS485 outputs

Ordering Example	
SF82-TX-AAAA	SF82 transmitter, 2 wire, 4-20mA output, G1/2" BSP, measurement range -60 to +60°Cdp, HMWPE guard, MiniDin 43650

DRYCHECK ACCESSORIES AND SPARE PARTS

Product Parent Code: EA2-OL-MON
Easidew online Monitor (replacement)

Base Model

Easidew Online Monitor (replacement) **EA2-OL-MON**

Range

-100 to +20°C (-148 to +68°F) dp range	A
-110 to +20°C (-166 to +68°F) dp range	B
Non-standard measurement range: v = zero value, w = full scale value, x = unit (C = °Cdp, F=°Fdp, P=ppmV) y = Pressure for ppmV conversion in bar/psi, z = pressure unit (PG=psig, PA=psia, BG=barg, BA=bara) blank = 0 barg/psig e.g. 0-100ppm @ 10barg = 0/100P-10BG	R

Power

85 to 265 V AC	A
24 V DC	B

Ordering Example

EA2-OL-MON-AA	Easidew online Monitor (replacement), -100 to +20°C dp range, 85 to 265 V AC
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EA2-TX Accessories and Spares

EA2-HDPE	Pack of 10 replacement HDPE guards (for protection against fine particulates <10µm)
SSF-PF-10PK	Pack of 10 particulate filter cartridges (for protection against fine particulates < 0.1µm (for Sampler Kits))
EA2-SAM	5/8" UNF Sampler Kit (for atmospheric or pressure dp measurements, 145 psig/10 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)
BS-58-PK5	5/8" UNF Bonded Seal for process connection (pack of 5)
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
EA2-SC	MiniDIN sensor connector socket
* DP-MC	BS EN 10204 – type 3.1 Material Certificates

*** On certain labor intensive services, no discount can be offered. These items are always offered at list price.**

SF82 Accessories and Spares

SF82-HMP	Pack of 10 replacement HMWPE guards (for protection against fine particulates <10µm)
SSF-PF-10PK	Pack of 10 particulate filter cartridges (for protection against fine particulates < 0.1µm (for Sampler Kits))
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
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
EA2-SAM	5/8" UNF Sampler Kit (for atmospheric or pressure dp measurements, 145 psig/10 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)

EASIDEW DEW-POINT TRANSMITTER SERVICES		
Base Model		
Service exchange, reconditioned Easidew Transmitter (supplied with traceable calibration certificate, old sensor to be returned to MIL in 21 days)	EA2-TX-X	
Range		
-100 to +20°C (-148 to +68°F) dp range		A
-110 to +20°C (-166 to +68°F) dp range		B
Non-standard measurement range: v = zero value, w = full scale value, x = unit (C = °Cdp, F=°Fdp, P=ppmV) y = Pressure for ppmV conversion in bar/psi, z = pressure unit (PG=psig, PA=psia, BG=barg, BA=bara) blank = 0 barg/psig e.g. 0-100ppm @ 10bara = 0/100P-10BG		R
Protection		
Standard HDPE guard (for protection against fine particulates (<10 µm))		A
SS sintered guard (for protection against fine particulates (<80 µm))		B

Ordering Example

EA2-TX-X-AA	Service Exchange for Easidew Transmitter, 2-wire, 4-20 mA output, measurement range -100 to +20°C (-148 to +68°F) dp, HDPE guard. Oxygen cleaning is not required.
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SF82 DEW-POINT TRANSMITTER SERVICE EXCHANGE		
Base Model		
Service exchange, reconditioned SF82 (supplied with traceable calibration certificate, old sensor to be returned to MIL in 21 days)	SF82-TX-X	
Type		
G1/2" BSP Process Connection		A
3/4" UNF Process Connection		B
5/8" UNF Process Connection		C
Range		
-60/+60°Cdp output scaled 4-20mA range		A
-50/+50°Cdp output scaled 4-20mA range		B
-50/+30°Cdp output scaled 4-20mA range		C
-80/+20°Cdp output scaled 4-20mA range		D
-20/+50°Cdp output scaled 4-20mA range		E
Non-standard measurement range: v = zero value, w = full scale value, x = unit (C = °Cdp, F=°Fdp, P=ppmV) y = Pressure for ppmV conversion in bar/psi, z = pressure unit (PG=psig, PA=psia, BG=barg, BA=bara) blank = 0 barg/psig e.g. 0-100ppm @ 10bara = 0/100P-10BG		R
Protection		
Standard HMWPE guard (for protection against fine particulates (<10 µm))		A
Electrical Connector		
MiniDIN 43650		A
M12 5 Pin		B
5 Pin mating connector is not supplied with the product and should be ordered separately from the accessories list		
Selection of M12 5 pin connector version enables the SF82 M12 to output 4 to 20 mA and Modbus RTU over RS485 outputs		

EASIDEW CALIBRATION SERVICES	
EA2-TX-Recal	Recalibration of Easidew Transmitter (Supplied with traceable calibration certificate)
READINGS-DPS	Readings before calibration (calibration data recorded before adjustment) - Dew-Point Sensors

SF82 CALIBRATION SERVICES	
SF82-TX-Recal	Recalibration of SF82 Transmitter (Supplied with traceable calibration certificate)
READING-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: DryCheck Order Codes_97253_V5_UK_0625