EASIDEW DEW-POINT TRANSMITTER

A rugged impedance dew-point transmitter for continuous measurement in compressed air or process gas.

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			
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
Cleaned for oxygen service (only available with Sintered Guard)				B

Ordering Example	
EA2-TX-ABB	**Easidew 2-wire transmitter (4-20mA output, 5/8" UNF thread) measurement range -100 to +20C (-148 to +68 F) dp, SS sintered guard, oxygen cleaned**
EA2-TX-RAA	**Easidew 2-wire transmitter (4-20mA output, 5/8" UNF thread) non standard range to customer specification. HDPE guard - range should be specified at time of order (v/wx-yz). Oxygen cleaning is not required.**

EASIDEW DEW-POINT TRANSMITTER ACCESSORIES AND SPARE PARTS	
Spares	
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-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
Sampling Accessories	
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
APT-KF40-58	KF40 Adaptor Flange for 5/8 UNF Sensors
CSB	5/8" UNF SS sample block (with 1/8" NPT inlet & outlet ports)
* CSB-MC	Material certification for 5/8" UNF CSB Sample Block
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)
EA2-BLC-FIL	Easidew Sampling Block / Filter (with 5/8" UNF Port, 1/4" BSP inlet & 1/8" BSP Outlet ports)
EA2-BLC-FIL-NPT	Easidew Sampling Block / Filter (with 5/8" UNF Port, 1/4" NPT inlet & 1/8" NPT Outlet ports)
CSB-14SLF	5/8" sample block with 1/4" Swagelok
* DP-MC	BS EN 10204 – type 3.1 Material Certificates

Electrical Accessories	
EA2-CAB-0.8	Cable, 0.8m (2.62') length with MiniDIN 43650 mating socket
EA2-CAB-02	Cable, 2m (6.56') length with MiniDIN 43650 mating socket
EA2-CAB-05	Cable, 5m (16.4') length with MiniDIN 43650 mating socket
EA2-CAB-10	Cable, 10m (32.8') length with MiniDIN 43650 mating socket
Other cable lengths available upon request	
* **On certain labor intensive services, no discount can be offered. These items are always offered at list price.**	

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 @ 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	

Ordering Example

EA2-TX-XAA	**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.**

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

EASIDEW 34 DEW-POINT TRANSMITTER

A rugged impedance dew-point transmitter for continuous measurement in compressed air or process gas.

Product Parent Code: EA34-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, 3/4" UNF thread)	EA34-TX			
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
Cleaned for oxygen service (only available with Sintered Guard)				B

Ordering Example	
EA34-TX-ABB	**Easidew 2-wire Dew-Point Transmitter (4-20mA output, 3/4" UNF thread) measurement range -100 to +20C (-148 to +68 F) dp, SS sintered guard, oxygen cleaned**
EA34-TX-RAA	**Easidew 2-wire Dew-Point Transmitter (4-20mA output, 3/4" UNF thread) non standard range to customer specification. HDPE guard - range should be specified at time of order (v/wx-yz). Oxygen cleaning is not required.**

EASIDEW 34 DEW-POINT TRANSMITTER ACCESSORIES AND SPARE PARTS	
Spares	
EA2-HDPE	Pack of 10 replacement HDPE guards (for protection against fine particulates <10µm)
GEN-LABEL	Additional/replacement transmitter labels (price per 2 off labels)
OR-34-PK5	3/4" UNF Viton O-ring for process connection (pack of 5)
EA2-SC	MiniDIN sensor connector socket
EA2-SCG	Sensor Connector MiniDIN Gasket
Sampling Accessories	
APT-KF40-34	KF40 Adaptor Flange for ¾ UNF Sensors
APT-KF40-58	KF40 Adaptor Flange for 5/8 UNF Sensors
SSG	SS sintered guard replacement (for protection against fine particulates <80µm)
SB-34	3/4"UNF SS sample block (with 1/8" NPT inlet & outlet ports)
* SB34-MC	Material certification for 3/4" UNF SB-34 Sample Block
* DP-MC	BS EN 10204 – type 3.1 Material Certificates
Electrical Accessories	
EA2-CAB-0.8	Cable, 0.8m (2.62') length with MiniDIN 43650 mating socket
EA2-CAB-02	Cable, 2m (6.56') length with MiniDIN 43650 mating socket
EA2-CAB-05	Cable, 5m (16.4') length with MiniDIN 43650 mating socket
EA2-CAB-10	Cable, 10m (32.8') length with MiniDIN 43650 mating socket
Other cable lengths available upon request	
*** On certain labor intensive services, no discount can be offered. These items are always offered at list price.**	

EASIDEW 34 DEW-POINT TRANSMITTER SERVICES												
Base Model												
Service exchange, reconditioned Easidew 34 (supplied with traceable calibration certificate, old sensor to be returned to MIL in 21 days)	EA34-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 @ 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									

Ordering Example

EA34-TX-XAA	**Service Exchange for Easidew M12 Transmitter, with G1/2" BSP Process Connection, measurement range -100 to +20°C (-148 to +68°F) dp, HDPE guard**

EASIDEW CALIBRATION SERVICES	
EA34-TX-Recal	Recalibration of Easidew 34 (Supplied with traceable calibration certificate)
READINGS-DPS	Readings before calibration (calibration data recorded before adjustment) - Dew-Point Sensors

EASIDEW M12 DEW-POINT TRANSMITTER

A rugged impedance dew-point transmitter with M12 electrical connector for use in compressed air or process gas

Product Parent Code: EA2-TX-M12					
Easidew 2-wire Dew-Point Transmitter (4-20mA output, M12 connector)					
Base Model					
Easidew 2-wire Dew-Point Transmitter (4-20mA output, M12 connector)	EA2-TX-M12				
Connection					
G1/2" BSP Process Connection		A			
3/4" UNF Process Connection		B			
5/8" UNF Process Connection		C			
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
Cleaned for oxygen service (only available with Sintered Guard)					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	
EA2-TX-M12-AAAA	**Easidew Transmitter with M12 connector, with G1/2" BSP Process Connection, measurement range -100 to +20°C (-148 to +68°F) dp, HDPE guard**

EASIDEW M12 DEW-POINT TRANSMITTER ACCESSORIES AND SPARE PARTS	
Spares	
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-58-PK5	5/8" UNF Bonded Seal for process connection (pack of 5)
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)
Sampling Accessories	
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
APT-KF40-34	KF40 Adaptor Flange for ¾ UNF Sensors
APT-KF40-58	KF40 Adaptor Flange for 5/8 UNF Sensors
CSB	5/8" UNF SS sample block (with 1/8" NPT inlet & outlet ports)
CSB-MC	Material certification for 5/8" UNF CSB Sample Block
CSB-14SLF	5/8" sample block with 1/4" Swagelok
SB-12	G1/2" SS sample block (with 1/8" NPT inlet & outlet ports)
* SB12-MC	Material certification for G1/2" UNF SB-12 Sample Block
SB-34	3/4"UNF SS sample block (with 1/8" NPT inlet & outlet ports)
* SB34-MC	Material certification for 3/4" UNF SB-34 Sample Block
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)
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)
* DP-MC	BS EN 10204 – type 3.1 Material Certificates

Electrical Accessories	
EA2-M12-CAB-0.8	Sensor Cable, 0.8m (2.62') with M12 Sensor Connector
EA2-M12-CAB-02	Sensor Cable, 2m (6.56') with M12 Sensor Connector
EA2-M12-CAB-05	Sensor Cable, 5m (16.4') with M12 Sensor Connector
EA2-M12-CAB-10	Sensor Cable, 10m (32.8') with M12 Sensor Connector
Other cable lengths available upon request	

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

EASIDEW M12 DEW-POINT TRANSMITTER SERVICES					
Base Model					
Service exchange, reconditioned Easidew M12 transmitter (supplied with traceable calibration certificate, old sensor to be returned to MIL in 21 days)	EA2-TX-M12-X				
Connection					
G1/2" BSP Process Connection		A			
3/4" UNF Process Connection		B			
5/8" UNF Process Connection		C			
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	

Ordering Example

EA2-TX-M12-XAAA	**Service Exchange for Easidew M12 Transmitter, with G1/2" BSP Process Connection, measurement range -100 to +20°C (-148 to +68°F) dp, HDPE guard**

EASIDEW M12 CALIBRATION SERVICES	
READINGS-DPS	Readings before calibration (calibration data recorded before adjustment) - Dew-Point Sensors
EA2-TX-Recal	Recalibration of Easidew Transmitter (Supplied with traceable calibration certificate)

Please note: Michell Instruments adopts a continuous development program which sometimes necessitates specification changes without notice. Please contact us for latest version. Issue No: Easidew Transmitters_97554_V7_UK_0625