

**EASIDEW I.S. DEW-POINT TRANSMITTER (FOR HAZARDOUS AREA)**

For trace moisture measurements in gases.

IECEx, CSA, FM, ATEX certified dew-point transmitter for use in hazardous areas.

<b>Product Parent Code: EA2-IS-TX</b>		
<b>Easidew Hazardous Area Transmitter (2-wire, 4-20 mA)</b>		
<b>Product Ordering Code {Feature A}+{Feature B}+{Feature C}+{Feature D}+{Feature J}</b>		
Feature	Item	Description
<b>Feature {A}</b>	<b>Base Model</b>	
	EA2-IS-TX	Easidew Hazardous Area Transmitter (2-wire, 4-20 mA)
<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	-100 to +20°C (-148 to +68°F) dp range
	C2	-110 to +20°C (-166 to +68°F) dp range
	(v/wx-yz)	Non-standard measurement range: v = zero, w = full scale, x = unit, y = pressure, z = pressure unit  <b>Units (x)</b> C = °C dew point F = °F dew point P = ppmV (ideal)  Natural Gas LA = lb/MMscf IGT MA = mg/m3 IGT NA = ppmV IGT LB = lb/MMscf ISO MB = mg/m3 ISO NB = ppmV ISO  <b>Pressure units (z)</b> PG = psig PA = psia BG = barg BA = bara  <b>Note:</b> Pressure (y) is required for ppmV and all Natural Gas units. If omitted from the order code, atmospheric pressure (0 barg) will be assumed. <b>Full names of natural gas standards:</b> IGT = IGT Research Bulletin #8 ISO = ISO 18453 <b>Example:</b> 0/100NA-50BG = 0-100 ppmV IGT @ 50 bar gauge
	<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>Feature {J}</b>	<b>Oxygen - cleaned for oxygen service (only if required)</b>	
	J1	Cleaned for oxygen service (only available with D2)

**Ordering Example**

<b>EA2-IS-TX+B1+(-80/+20C)+D1+J1</b>	<b>Easidew IS with G 1/2" BSP process connection, -80 to +20°Cdp range and HDPE guard, oxygen cleaned</b>
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**EASIDEW I.S. DEW-POINT TRANSMITTER ACCESSORIES AND SPARE PARTS**

Order Codes	Product / Description
<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
APT-KF40-34	KF40 Adaptor Flange for ¾ UNF Sensors
APT-KF40-58	KF40 Flanschplatte für 5/8" UNF Sensoranschluss
SB12-MC	Material certification for G1/2" UNF SB-12 Sample Block
SB-12-CL	G1/2" SS sample block (with 1/8" NPT inlet & outlet ports) cleaning for oxygen service

## Humidity and Dew-Point Instruments

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)
SB-34-CL	3/4" UNF SS sample block (with 1/8" NPT inlet & outlet ports) cleaning for oxygen service
* SB34-MC	Material certification for 3/4" UNF SB-34 Sample Block
CSB	5/8" UNF SS sample block (with 1/8" NPT inlet & outlet ports)
CSB-CL	5/8" UNF SS sample block (with 1/8" NPT inlet & outlet ports) cleaning for oxygen service
* 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 1/8" NPT inlet & Outlet ports)
EA2-BLC-FIL-NPT	Easidew Sampling Block / Filter (with 1/4" NPT inlet & Outlet ports)
<b>Electrical Accessories</b>	
GI-PF-01	KFD0-CS-EX1.50P galvanic isolator (Pepperl & Fuchs)
EA2-OL-MON+AC	Easidew Online Monitor with 85 to 265 V AC power supply For use in safe area (NOT hazardous)
* DP-MC	BS EN 10204 – type 3.1 Material Certificates
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	
<b>* On certain labor intensive services, no discount can be offered. These items are always offered at list price.</b>	

## EASIDEW I.S. DEW-POINT TRANSMITTER SERVICES

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<b>Product Ordering Code {Feature A}+{Feature B}+{Feature C}+{Feature D}</b>																									
<b>Feature {A}</b>	<b>Base Model</b>																								
	EA2-IS-TX-X Service exchange, reconditioned Easidew IS (supplied with traceable calibration certificate, old sensor to be returned to MIL in 21 days)																								
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### Ordering Example

<b>EA2-IS-TX-X+B1+(-80+20C)+D1</b>	<b>Service Exchange for Easidew IS Transmitter with G 1/2" BSP process connection, -80 to +20°Cdp range and HDPE guard</b>
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## EASIDEW I.S. CALIBRATION SERVICES

EA2-IS-Recal	Recalibration of Easidew I.S. (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: Easidew TX IS\_97168\_V5\_UK\_0223**