

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.

Product Parent Code: EA2-IS-TX		
Easidew Hazardous Area Transmitter (2-wire, 4-20 mA)		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}+{Feature D}+{Feature J}		
Feature	Item	Description
Feature {A}	Base Model	
	EA2-IS-TX	Easidew Hazardous Area Transmitter (2-wire, 4-20 mA)
Feature {B}	Type	
	B1	G1/2" BSP Process Connection
	B2	3/4" UNF Process Connection
	B3	5/8" UNF Process Connection
Feature {C}	Range	
	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 Units (x) 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 = lbMMscf ISO MB = mg/m3 ISO NB = ppmV ISO Pressure units (z) PG = psig PA = psia BG = barg BA = bara Note: Pressure (y) is required for ppmV and all Natural Gas units. If omitted from the order code, atmospheric pressure (0 barg) will be assumed. Full names of natural gas standards: IGT = IGT Research Bulletin #8 ISO = ISO 18453 Example: 0/100NA-50BG = 0-100 ppmV IGT @ 50 bar gauge
	Protection	
D1	Standard HDPE guard (for protection against fine particulates (<10 µm))	
D2	SS sintered guard (for protection against fine particulates (<80 µm))	
Feature {J}	Oxygen - cleaned for oxygen service (only if required)	
	J1	Cleaned for oxygen service (only available with D2)

Ordering Example

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

Order Codes	Product / Description
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-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
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 3/4 UNF Sensors
APT-KF40-58	KF40 Adaptor Flange for 5/8 UNF Sensors
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

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

EASIDEW I.S. DEW-POINT TRANSMITTER SERVICES

Order Codes	Product / Description
Product Ordering Code {Feature A}+{Feature B}+{Feature C}+{Feature D}	
Feature {A}	Base Model
	EA2-IS-TX-X Service exchange, reconditioned Easidew IS (supplied with traceable calibration certificate, old sensor to be returned to MIL in 21 days)
Feature {B}	Type
	B1 G1/2" BSP Process Connection
	B2 3/4" UNF Process Connection
	B3 5/8" UNF Process Connection
Feature {C}	Range
	C1 -100 to +20°C (-148 to +68°F) dp range
	C2 -110 to +20°C (-166 to +68°F) dp range
	Non-standard measurement range: v = zero, w = full scale, x = unit, y = pressure, z = pressure unit
	Units (x) 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 = lbMMscf ISO MB = mg/m3 ISO NB = ppmV ISO
	(v/wx-yz) Pressure units (z) PG = psig PA = psia BG = barg BA = bara
	Note: Pressure (y) is required for ppmV and all Natural Gas units. If omitted from the order code, atmospheric pressure (0 barg) will be assumed. Full names of natural gas standards: IGT = IGT Research Bulletin #8 ISO = ISO 18453 Example: 0/100NA-50BG = 0-100 ppmV IGT @ 50 bar gauge
Feature {D}	Protection
	D1 Standard HDPE guard (for protection against fine particulates (<10 µm))
	D2 SS sintered guard (for protection against fine particulates (<80 µm))

Ordering Example

EA2-IS-TX-X+B1+(-80+20C)+D1	Service Exchange for Easidew IS Transmitter with G 1/2" BSP process connection, -80 to +20°Cdp range and HDPE guard
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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_V6_UK_0724