## **EA2-IS-TX Easidew Transmitter**

- Below are the NEW (after 1st July 2025) & OLD (before 1st July 2025) product ordering codes Compare the two ordering code systems and you will see only 40% of the ordering code has changed

  - We intentionally left the product description unchanged to ensure you can quickly cross check the NEW & OLD product specifications

    If you want to understand more about this change, then read the "Customer Explanation" which is included below

# NEW

Saske Model  Saske							
A B B B B B B B B B B B B B B B B B B B	Product Parent Code: EA2-IS-TX Easidew Intrinsically Safe Transmitter (2-wire, 4-20 mA)						
Note	Base Model						
Size   SPP Process Connection   A   B   B   B   B   B   B   B   B   B	Easidew Hazardous Area Transmitter (2-wire, 4-20 mA)	EA2-IS-TX					
(8" UNF Process Connection   B   C	Туре						
R UNP Process Connection   C	G1/2" BSP Process Connection		Α				
tange  1:00 to +20°C (-148 to +68°F) dp range  1:00 to +20°C (-166 to +68°F) dp range  Ion-standard measurement range: v = zero, w = full scale, x = unit, y = pressure, pressure and the pressur	3/4" UNF Process Connection		В				
A  100 to +20°C (-148 to +68°F) dp range  A  110 to +20°C (-166 to +68°F) dp range  B  100-standard measurement range: v = zero, w = full scale, x = unit, y = pressure, = pressure unit hints (x)  = C dew point = F dew point = penn' (deal)  Satural Gas A = la/MRsd 1GT  A = la/MRsd 1GT  A = la/MRsd 1SO  B = mg/m3 1SO  B = mg/m3 1SO  B = pm/m 1SO  B = pm/m 1SO  G = psig A = psis G = barg A = psis Otte: Pressure (y) is required for ppmV and all Natural Gas units. If omitted from he order code, atmospheric pressure (0 barg) will be assumed.  uil names of natural gas standards: GT = IST Research Bulletin #8 SO = ISO 1815 O = ISO S = ISO 1850 O = ISO S = ISO 1850 O = ISO S insign of protection against fine particulates (<10 µm)) A S sintered guard (for protection against fine particulates (<80 µm))  Devegen cleaning not required  A	5/8" UNF Process Connection		С				
In the 120°C (-166 to +68°F) do range  ion-standard measurement range: v = zero, w = full scale, x = unit, y = pressure, pressure unit fulls (x)  i = C dew point i = penny (ideal)  ion-standard measurement range: v = zero, w = full scale, x = unit, y = pressure, pressure unit i = ppmV (ideal)  ion-standard measurement range: v = zero, w = full scale, x = unit, y = pressure, pressure units i = ppmV (ideal)  ion-standard Horse good in the scale, x = unit, y = pressure, pressure units (a)  ion-standard Horse good in the scale, x = unit, y = pressure, pressure units (b)  ion-standard Horse good in the scale, x = unit, y = pressure, pressure units ion-standard Horse good in the scale, x = unit, y = pressure, pressure units ion-standard Horse good in the scale, x = unit, y = pressure, pressure units ion-standard Horse good in the scale, x = unit, y = pressure, pressure units ion-standard Horse good in the scale, x = unit, y = pressure, pressure units ion-standard Horse good in the scale, x = unit, y = pressure, pressure units ion-standard Horse good in the scale, x = unit, y = pressure, pressure units ion-standard Horse good in the scale, x = unit, y = pressure, pressure units ion-standard Horse good in the scale, x = unit, y = pressure, pressure units ion-standard Horse good in the scale, x = unit, y = pressure, pressure units ion-standard Horse good in the scale, x = unit, y = pressure, pressure units ion-standard Horse good in the scale, x = unit, y = pressure, pressure units ion-standard Horse good in the scale, x = unit, y = pressure, pressure units ion-standard Horse good in the scale, x = unit, y = pressure, pressure units ion-standard Horse good in the scale, x = unit, y = pressure, pressure units ion-standard Horse good in the scale, x = unit, y = pressure, pressure units ion-standard Horse good in the scale, x = unit, y = pressure, pressure units ion-standard Horse good in the scale, x = unit, y = pressure, pressure units ion-standard Horse good in the scale, x = unit, y = pressure, pressure units ion-stand	Range						
ion-standard measurement range: v = zero, w = full scale, x = unit, y = pressure, pressure unit fulls (x) In- C dew point F de p	-100 to +20°C (-148 to +68°F) dp range			Α			
= pressure unit	-110 to +20°C (-166 to +68°F) dp range			В			
A Sintered guard (for protection against fine particulates (<10 µm))  A Sintered guard (for protection against fine particulates (<80 µm))  B Sixygen - cleaned for oxygen service (only if required)  Exygen cleaning not required  A	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 = ppmf (ideal)  Natural Gas LA = lb/NMscf IGT MA = mg/m3 IGT NAA = ppmf IGT LB = lbMMscf ISO MB = mg/m3 ISO NB = ppmW ISO NB = ppmW ISO ONB = ppmW ISO Pressure units (z) PF = psia BG = barg BA = bara  Note: Pressure (y) is required for ppmW 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 ppmW IGT @ 50 bar gauge			R			
S sintered guard (for protection against fine particulates (<80 µm))  Doxygen - cleaned for oxygen service (only if required)  Doxygen cleaning not required  A	***************************************						
Oxygen - cleaned for oxygen service (only if required) Oxygen cleaning not required  A							
Oxygen cleaning not required A	SS sintered guard (for protection against fine particulates (<80 µm))				В		
	Oxygen - cleaned for oxygen service (only if required)						
Deaned for oxygen service (only available with Sintered Guard)	Oxygen cleaning not required				A		
	Cleaned for oxygen service (only available with Sintered Guard)				В		

# OLD

Lusiacii ilazi	irdous Area Trans	smitter (2-wire, 4-20 mA)
Product Orde	ring Code {Featu	re 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}	Туре	
	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 = ma/m3 IGT
		NA = ppmV IGT
		LB = İbMMscf ISO
		MB = mg/m3 ISO
	(v/wx-yz)	NB = ppmV ISO
		Pressure units (z)
		PG = psiq
		PA = psia
		BG = barg
		RA – hara
		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
		<b>Example:</b> 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))
Feature {J}	Oxygen - cleane	d for oxygen service (only if required)
	31	Cleaned for oxygen service (only available with D2)

#### Dear Customers,

On 1<sup>st</sup> July 2025, the ordering code part number string on all Michell Instruments Dew-Point Sensors was changed. The new system will be used on shipments from Michell Instruments Ltd (UK) from 8<sup>th</sup> July and will be visible to yourselves shortly after this date.

We acknowledge there could be a temporary impact, as you amend your ordering information for sending purchase orders to us. This note should explain what the changes are and why we have changed order codes that have been in place since 2008 onwards.

### What has changed?

Our product ordering code has been made up of three elements:

- Product Parent Code: Example EA2-TX (90% of these codes will be unchanged).
- Product Part Number String: Example -100/+20°C ... 100% of these strings will transfer to letters, confirming exact product specifications.
- Product Description: No change, to allow for simple cross referencing.

### Reasons for the Change and the Resulting Benefits

Update in overall technology, designed as a Configured BOM system, left us with a semiautomated system, restricting access to the following benefits:

- Further delivery improvements
- Further reductions in low level quality escapes
- New data handling technology (NEW Online Calibration Certificate download option for dew-point sensors, which can be <u>viewed here</u>)

The reasons listed above demonstrate a seamless 100% automated process from quotation to shipment, as illustrated below.



No Process Breakages.. No Transitions ... A Seamless Flow!

## **Summary**

We appreciate that 40% of the order code system has changed, so we have taken the following steps to assist with your transition:

- All Global Customer Service Departments (CSD) are trained to assist with questions
- OLD v NEW Order Code comparison can be found on the product pages on our website.
- New-style order code sheets are available on every product page (Easidew Transmitter EA2 – Order Codes, view here)

The global PST Sales Team has been trained on the new ordering code system	w ordering code system
We hope this has been informative and expect the new order code system to have bedded in within 3 to 4 weeks.	have bedded in within 3 to 4 weeks.