

EA2-TX-M12  
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

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		

OLD

Product Parent Code: EA2-TX-M12		
Easidew 2-wire Dew-Point Transmitter (4-20mA output, M12 connector)		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}+{Feature D}		
Feature	Item	Description
Feature {A}	Base Model	
	EA2-TX-M12	Easidew 2-wire Dew-Point Transmitter (4-20mA output, M12 connector)
Feature {B}	Connection	
	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 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
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 - cleaned for oxygen service (only if required)	
	J1	Cleaned for oxygen service (only available with D2)
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 + B1 + C1 + D1	Easidew Transmitter with M12 connector, with G1/ 2" BSP Process Connection, measurement range -100 to +20°C (-148 to +68°F) dp, HDPE guard	

## 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:

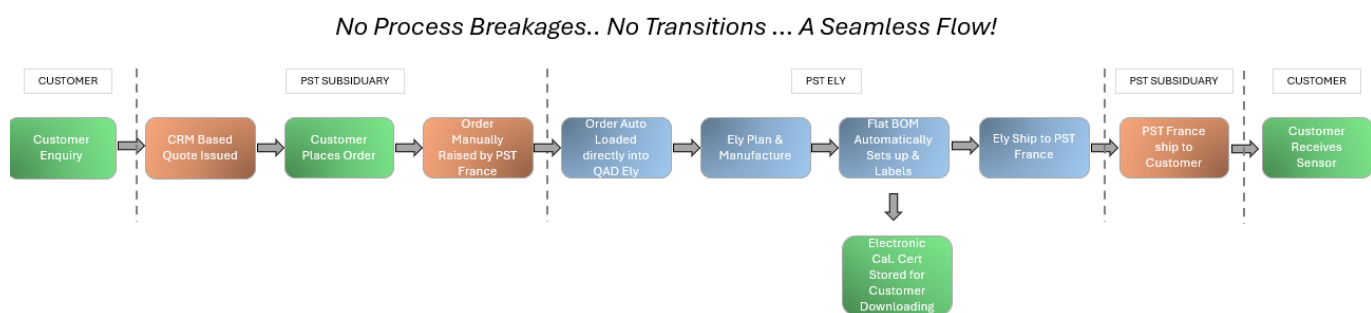
- Product Parent Code: Example EA2-TX (90% of these codes will be unchanged).
- Product Part Number String: Example -100/+20°C ... 100% of these strings will transfer to letters, confirming exact product specifications.
- Product Description: No change, to allow for simple cross referencing.

### Reasons for the Change and the Resulting Benefits

Update in overall technology, designed as a Configured BOM system, left us with a semi-automated 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 [viewed here](#))

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



### 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

We hope this has been informative and expect the new order code system to have bedded in within 3 to 4 weeks.

Peter Shepherd - Group Product Manager – Dew-Point Sensors