EA2-OL
Easidew Online Hygrometer

- 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-OL Easidew Online Hygrometer (2-wire, 1/8 DIN panel mount, 2 alarms, sampling block 0.8m (2.6') cable assembly)						
Base Model						
Easidew Online Hygrometer (2-wire, 1/8 DIN panel mount, 2 alarms, sampling block, 0.8m (2.6') cable assembly)	EA2-OL					
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			
Monitor						
85 to 265 V AC				A		
24 V DC				B		
Cable						
Standard sensor cable 0.8m (2.62') with connectors					A	
Standard sensor cable 2m (6.56') with connectors					B	
Standard sensor cable 5m (16.4') with connectors					C	
Standard sensor cable 10m (32.8') with connectors					D	
Oxygen - cleaned for oxygen service (only if required)						
Oxygen cleaning not required						A
Cleaned for oxygen service (only available with Sintered Guard)						B
Other cable lengths available upon request						

Ordering Example	
EA2-OL-AAAAA	Easidew Online, -100 to +20°C (-148 to +68°F) dp range, HDPE guard, 85 to 265 V AC power supply & 0.8m (2.62') cable with connectors. Oxygen cleaning is not required.

OLD

Product Parent Code: EA2-OL-HYG Easidew Online Hygrometer (2-wire, 1/8 DIN panel mount, 2 alarms, sampling block, 0.8m (2.6') cable assembly)		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}+{Feature D}+{Feature E}		
Feature	**Item**	**Description**
Feature {A}	**Base Model**	
	EA2-OL-HYG	Easidew Online Hygrometer (2-wire, 1/8 DIN panel mount, 2 alarms, sampling block, 0.8m (2.6') cable assembly)
Feature {B}	**Range**	
	(-100/+20C)	-100 to +20°C (-148 to +68°F) dp range
	(-110/+20C)	-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 {C}	**Protection**	
	HD	Standard HDPE guard (for protection against fine particulates (<10 μm))
	SS	SS sintered guard (for protection against fine particulates (<80 μm))
Feature {D}	**Monitor**	
	AC	85 to 265 V AC
	DC	24 V DC
Feature {E}	**Cable**	
	SC0.8	Standard sensor cable 0.8m (2.62') with connectors
	SC02	Standard sensor cable 2m (6.56') with connectors
	SC05	Standard sensor cable 5m (16.4') with connectors
	SC10	Standard sensor cable 10m (32.8') with connectors
		Other cable lengths available upon request
Feature {J}	**Oxygen - cleaned for oxygen service (only if required)**	
	J1	Cleaned for oxygen service (only available with C2)

Ordering Example

EA2-OL-HYG+(-100/+20C)+HD+AC+SC0.8	Easidew Online, -100 to +20°C (-148 to +68°F) dp range, HDPE guard, 85 to 265 V AC power supply & 0.8m (2.62') cable with connectors

Dear Customers,

On 1ˢᵗ 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 8ᵗʰ 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:

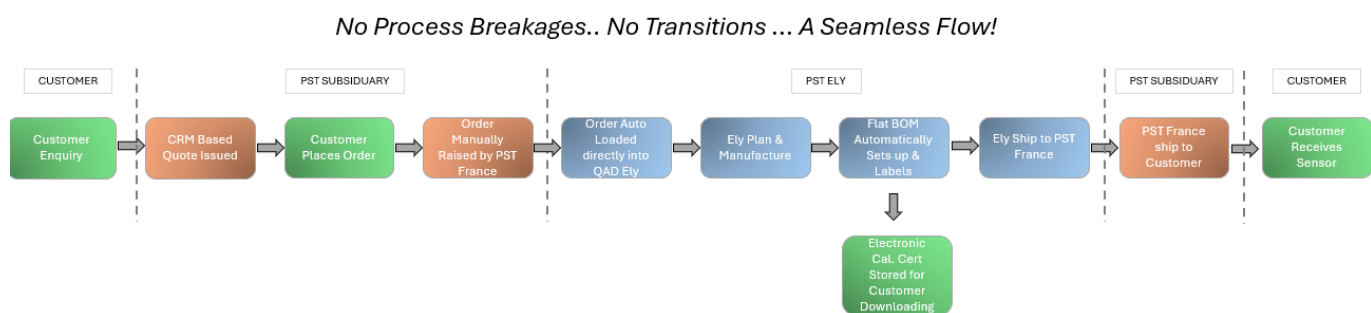- Product Parent Code: Example EA2-TX (90% of these codes will be unchanged).
- Product Part Number String: Example -100/+20°C … 100% of these strings will transfer to letters, confirming exact product specifications.
- Product Description: No change, to allow for simple cross referencing.

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.

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

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