EA-XP
Easidew PRO XP
Explosion Proof 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: EA-XP Easidew PRO XP for gases								
Base Model								
Easidew PRO XP for gases	EA-XP							
Display								
No Display		A						
With Display		B						
Protection								
SS Sintered Guard (for protection against fine particulates >80µm)			A					
Standard HDPE guard (for protection against fine particulates >10µm)			B					
Sampling								
No Sample Block				A				
SS Sample Block with 3/4"UNF sensor connection				B				
Bracket								
No Bracket					A			
Pipe Mounting Bracket					B			
Housing								
Aluminium (ATEX/IECEx/UKCA, cQPSus Class & Div, Class Zones)						A		
316 Stainless Steel (ATEX/IECEx/UKCA, cQPSus Class & Div ONLY)						B		
Range								
-110 to +20°C (-166 to +68°F) dp range							A	
-100 to +20°C (-148 to +68°F) dp range							B	
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							R	
Oxygen - cleaned for oxygen service (only if required)								
Oxygen cleaning not required								A
Cleaned for oxygen service (only available with Sintered Guard)								B
Kalrez o-ring for aromatic service								C

Material Certificates - if required must be ordered as a separate line item when ordering the transmitter	
* EA-XP-M1	BS EN 10204 – type 3.1 Material Certificates
* EA-XP-M2	BS EN 10204 – type 3.1 Material Certificates + NACE conformity
*** On certain labor intensive services, no discount can be offered. These items are always offered at list price.**	

Product Parent Code: EA-XP-TX Easidew PRO XP for gases		
Product Ordering Code {Feature A}+{Feature B}+{Feature C}...+{Feature X}		
Feature	**Item**	**Description**
Feature {A}	**Base Model**	
	EA-XP-TX	Easidew PRO XP for gases
Feature {B}	**Display**	
	EX1	No Display
	EX2	With Display
Feature {C}	**Protection**	
	C1	SS Sintered Guard (for protection against fine particulates >80µm)
	C2	Standard HDPE guard (for protection against fine particulates >10µm)
Feature {D}	**Sampling**	
	D1	No Sample Block
	D2	SS Sample Block with 3/4"UNF sensor connection
Feature {E}	**Bracket**	
	E1	No Bracket
	E2	Pipe Mounting Bracket
Feature {F}	**Certificates**	
	* F1	No Material Certificates
	* F2	BS EN 10204 – type 3.1 Material Certificates
	* F3	BS EN 10204 – type 3.1 Material Certificates + NACE conformity
Feature {G}	**Housing**	
	G1	Aluminium (ATEX/IECEx/UKCA, cQPSus Class & Div, Class Zones)
	G2	316 Stainless Steel (ATEX/IECEx/UKCA, cQPSus Class & Div ONLY)
Feature {H}	**Range**	
	H1	-110 to +20°C (-166 to +68°F) dp range
	H2	-100 to +20°C (-148 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
Feature {J}	**Oxygen - cleaned for oxygen service (only if required)**	
	J1	Cleaned for oxygen service (only available with C1)
	J2	Kalrez o-ring for aromatic service
Feature {X}	**Conforming Coating - Optional**	
	CC	Conformal Coating
*** On certain labor intensive services, no discount can be offered. These items are always offered at list price.**		

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.

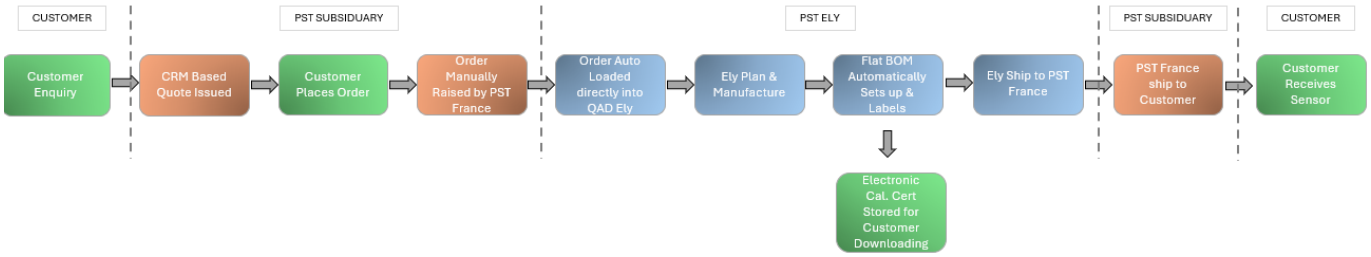
Reasons for the Change and the Resulting Benefits

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