

EPR - IS
Easidew PRO I.S.
Intrinsically Safe 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: EPR-IS 2-wire Dew-Point Transmitter, ATEX certified (with sintered guard)			
Base Model			
2-wire Dew-Point Transmitter, ATEX certified (with sintered guard)		EPR-IS	
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, w = full scale, x = unit, y = pressure, z = pressure unit		R	
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			
Oxygen - cleaned for oxygen service (only if required)			
Oxygen cleaning not required			A
Cleaned for oxygen service (only available with Sintered Guard)			B
Ordering Example			
EPR-IS-AB		Easidew PRO I.S transmitter, 2-wire, ATEX with 100 to +20°C (-148 to +68°F) dp range, oxygen cleaned	
EPR-IS-RA		Easidew PRO I.S transmitter, 2-wire, non standard range to customer specification. HDPE guard - range should be specified at time of order (v/wx-yz)	

OLD

Product Parent Code: EPR-IS 2-wire Dew-Point Transmitter, ATEX certified (with sintered guard)		
Product Ordering Code {Feature A}+{Feature B}+{Feature J}		
Feature	Item	Description
Feature {A}	Base Model	
	EPR-IS	2-wire Dew-Point Transmitter, ATEX certified (with sintered guard)
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, w = full scale, x = unit, y = pressure, z = pressure unit
		<div><div>Units (x) C = °C dew point F = °F dew point P = ppmV (Ideal)</div><div>Pressure units (z) PG = psig PA = psia BG = barg BA = bara</div><div>Natural Gas LA = lb/MMscf IGT MA = mg/m3 IGT NA = ppmV IGT LB = lbMMscf ISO MB = mg/m3 ISO NB = ppmV ISO</div></div> <div>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</div>
Feature {J}	Oxygen - cleaned for oxygen service (only if required)	
	J1	Cleaned for oxygen service (only available with D2)

Ordering Example

EPR-IS+(-100/+20C) + J1	Easidew PRO I.S. Transmitter, 2-wire, ATEX certified with -100 to +20°C (-148 to +68°F) dp range, oxygen cleaned
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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:

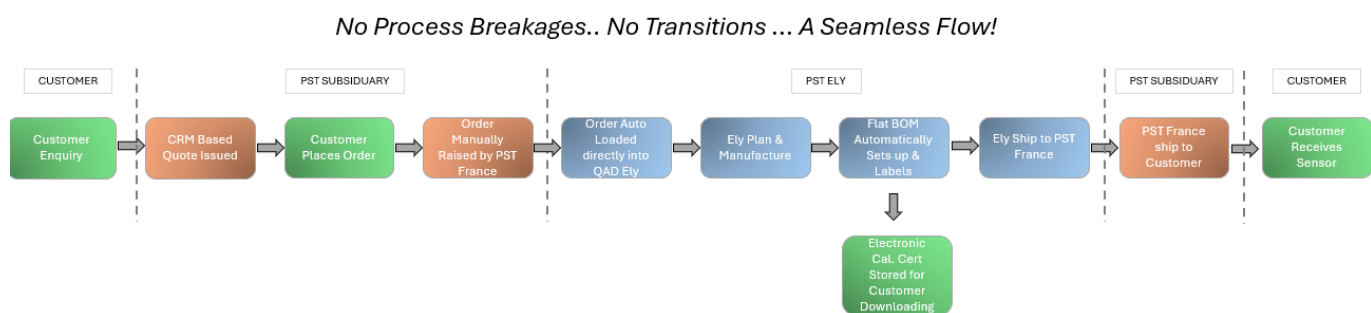
- Product Parent Code: Example EA2-TX (90% of these codes will be unchanged).
- Product Part Number String: Example -100/+20°C ... 100% of these strings will transfer to letters, confirming exact product specifications.
- Product Description: No change, to allow for simple cross referencing.

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.



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