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Re: Sensor part number suffix

To whom it may concern.

Hamilton DOQ (Declaration of Quality) documentation often shows a suffix on the end of the part number (Reference number). The suffix is normally expressed with a /XX designation as shown below.

EASYFERM PLUS PHI MS 425

Reference number:	238633-1473/00
Serial number:	4131
Lot number:	1763710
Reading in pH 4 buffer*:	174.24
Zero point (pH 7 buffer)*:	-3.96
Slope (pH 4; pH 7):	better than 97% of theoretical value
Calibration temperature:	24.26 °C
Response time t90% (pH 4/pH 7):	better than 5 sec
Response time t98% (pH 4/pH 7):	better than 20 sec
Measuring range:	pH 0 ... 14
Temperature range:	0 ... 135°C (normal use) 0 ... 130°C (in explosion protected areas)
Pressure range (25°C):	0 ... 6 bar

*Measurements are performed in Certified Reference Materials

The suffix is used internally for production and is not part of the part number schema for the sensor. The suffix has no impact to the fit form or function of the part number thus can be ignored.



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EasyFerm Plus pH sensors follow a part number schema as follows:

Part Number: 238633-XXXX

- 238633: Base part number for all EasyFerm Plus pH sensors
- XXXX: Configurable options including glass type, sensor length, electrical connector and temperature element.

Product ordering options can be seen below.

EasyFerm Plus Family Structure					
238633	Code pH glass				
	1	PHI (recommended pH glass type)			
	2	HB			
			Code Electrical Connector		
			1	VP 📄	
			2	SB 📄	
			3	Arc	
			4	Memosens 📄	
			5	K8 📄	
			6	LEVP (only for 120 and 225 mm length) 📄	
			Code a-length (mm)		
			1	120	
			2	160	
			3	200	
			4	225	
			5	325	
			6	360 (not for Arc and only PHI glass)	
			7	425	
			Code Temperature sensor		
			1	Pt100 (VP, LEVP)	
			2	Pt1000 (VP, LEVP)	
			3	none (SB, K8) or given (Memosens, Arc)	
	238633 -				← Order Code

Regards,

Steve Hammond, Product Manager