



Subject: Introducing the New EasyFerm Family of pH sensors

Hamilton will be presenting the new EasyFerm Family of sensors which consist of new configurations and REF numbers for the EasyFerm Plus and EasyFerm pH sensors. This Family opens many new options for EasyFerm sensors. A new 10 digit REF number system lets you designate the type of pH sensitive glass the sensor will have along with its a-length and cable connector. For sensors with VP connectors you have a choice of pt100 or Pt1000 temperature elements.

The new EasyFerm Family replaces the existing EasyFerm Plus and EasyFerm Bio families. Here is a breakdown of what sensors are being replaced and the timetable:

- All EasyFerm Plus sensors and their 6 digit REF numbers are targeted to become obsolete on January 2, 2017. 'EasyFerm Plus with PHI glass' and its 10 digit REF numbers, 238633-1XYZ replaces the 6 digit numbers. The new REF numbers are active now, you should begin to transition to them.
- All EasyFerm Bio sensors and their 6 digit REF numbers are targeted to become obsolete on January 2, 2017. 'EasyFerm Bio with HB glass' and its 10 digit REF numbers, 243632-1XYZ, replaces the 6 digit part numbers. The new REF numbers are active now, you should begin to transition to them.
- Included with this notice are Confirmation declarations for our customers stating that there is no difference between the EasyFerm Plus PHI sensors and the previous EasyFerm Plus sensors nor is there a difference between the EasyFerm Bio HB sensors and the previous EasyFerm Bio sensors.
- Included with this notice is the new part number matrix.
- Also included with this notice is a spreadsheet for this transition. It has both the old part number and the new REF number.

Confirmation

Hamilton Bonaduz AG, Bonaduz, Switzerland
hereby declares that the pH sensor

EasyFerm Plus PHI

is built with the same pH glass and the same glass shaft like the
EasyFerm Plus.

The electrolyte of the EasyFerm Plus PHI is Phermlyte like in the former
EasyFerm Plus sensors. Both sensors have the same life time and drift
behaviour.

The product is designed, manufactured and tested
within the EN ISO 9001:2000 certified
quality assurance system.

Hamilton Bonaduz AG


Susanne Näf-Rüdiger
Product Manager Analog Sensors

Bonaduz, February 3rd 2016

Confirmation

Hamilton Bonaduz AG, Bonaduz, Switzerland
hereby declares that the pH sensor

EasyFerm Bio HB

is built with the same pH glass and the same glass shaft like the
EasyFerm Bio.

The electrolyte of the EasyFerm Bio is Foodlyte like in the former
EasyFerm Bio sensors. Both sensors have the same life time and drift
behaviour.

The product is designed, manufactured and tested
within the EN ISO 9001:2000 certified
quality assurance system.

Hamilton Bonaduz AG


Susanne Näf-Rüdiger
Product Manager Analog Sensors

Bonaduz, February 3rd 2016

HAMILTON®

EasyFerm

Code	Family	Notes
238633	Plus	
243632	Bio	
	Code	pH Glass
	1	PHI
	2	HB
	Code	Electrical Connector
	1	VP
	2	S8
	3	ARC
	4	Memosens
	5	K8
	6	LEVP
		only 120 and 225 lengths
	Code	Length
		mm
	1	120
	2	160
	3	200
	4	225
	5	325
	6	360
	7	425
		only PHI Glass, not available in BIO or ARC
	Code	Temperature Sensor
	1	Pt100
	2	Pt1000
	3	none
		VP; LEVP
		VP; LEVP
		S8, K8 or ARC & Memosens
		Part Number

EasyFerm Plus Transition to 10 digit part number

Old Part #	New Part #	Description
238633	238633-1111	EasyFerm Plus PHI VP 120 Pt100
238641	238633-1121	EasyFerm Plus PHI VP 160 Pt100
238634	238633-1141	EasyFerm Plus PHI VP 225 Pt100
238635	238633-1151	EasyFerm Plus PHI VP 325 Pt100
238632	238633-1161	EasyFerm Plus PHI VP 360 Pt100
238636	238633-1171	EasyFerm Plus PHI VP 425 Pt100
238643	238633-1213	EasyFerm Plus PHI S8 120
238679	238633-1223	EasyFerm Plus PHI S8 160
238644	238633-1243	EasyFerm Plus PHI S8 225
238645	238633-1253	EasyFerm Plus PHI S8 325
238674	238633-1273	EasyFerm Plus PHI S8 425
238625	238633-1513	EasyFerm Plus PHI K8 120
238630	238633-1523	EasyFerm Plus PHI K8 160
238627	238633-1533	EasyFerm Plus PHI K8 200
238626	238633-1543	EasyFerm Plus PHI K8 225
238628	238633-1553	EasyFerm Plus PHI K8 325
238629	238633-1573	EasyFerm Plus PHI K8 425
242091	238633-1313	EasyFerm Plus PHI Arc 120
242092	238633-1343	EasyFerm Plus PHI Arc 225
242093	238633-1353	EasyFerm Plus PHI Arc 325
242094	238633-1373	EasyFerm Plus PHI Arc 425
242650	238633-1413	EasyFerm Plus PHI MS 120
242651	238633-1443	EasyFerm Plus PHI MS 225
242652	238633-1453	EasyFerm Plus PHI MS 325
242653	238633-1463	EasyFerm Plus PHI MS 360
242654	238633-1473	EasyFerm Plus PHI MS 425
243646	238633-1612	EasyFerm Plus PHI LEVP 120 Pt1000
243647	238633-1642	EasyFerm Plus PHI LEVP 225 Pt1000

EasyFerm Bio Transition to 10 digit part number

Old Part #	New Part #	Description
243632	243632-2111	EasyFerm Bio HB VP 120 Pt100
243633	243632-2141	EasyFerm Bio HB VP 225 Pt100
243634	243632-2151	EasyFerm Bio HB VP 325 Pt100
243635	243632-2171	EasyFerm Bio HB VP 425 Pt100
243642	243632-2213	EasyFerm Bio HB S8 120
243643	243632-2243	EasyFerm Bio HB S8 225
243644	243632-2253	EasyFerm Bio HB S8 325
243645	243632-2273	EasyFerm Bio HB S8 425
243625	243632-2513	EasyFerm Bio HB K8 120
243626	243632-2523	EasyFerm Bio HB K8 160
243627	243632-2533	EasyFerm Bio HB K8 200
243628	243632-2543	EasyFerm Bio HB K8 225
243629	243632-2563	EasyFerm Bio HB K8 325
243630	243632-2573	EasyFerm Bio HB K8 425
242120	243632-2313	EasyFerm Bio HB Arc 120
242121	243632-2343	EasyFerm Bio HB Arc 225
242122	243632-2353	EasyFerm Bio HB Arc 325
242123	243632-2373	EasyFerm Bio HB Arc 425