

To Whom it May Concern

Bonaduz, in September 2020

Supplier Change of the VP8 and VP6 Connector

Dear customers,

This letter is intended to inform you about the changes regarding the connectors VP8 and VP6. Hamilton has decided to change the supplier of VP8 and VP6 connectors to secure future supply and growth. A new strategic supplier has been evaluated and approved according to Hamilton's regulations. The new VP8 and VP6 connectors (**Figure 1**) are equal in fit, form and function to the current one and have no impact on backward compatibility or specification.

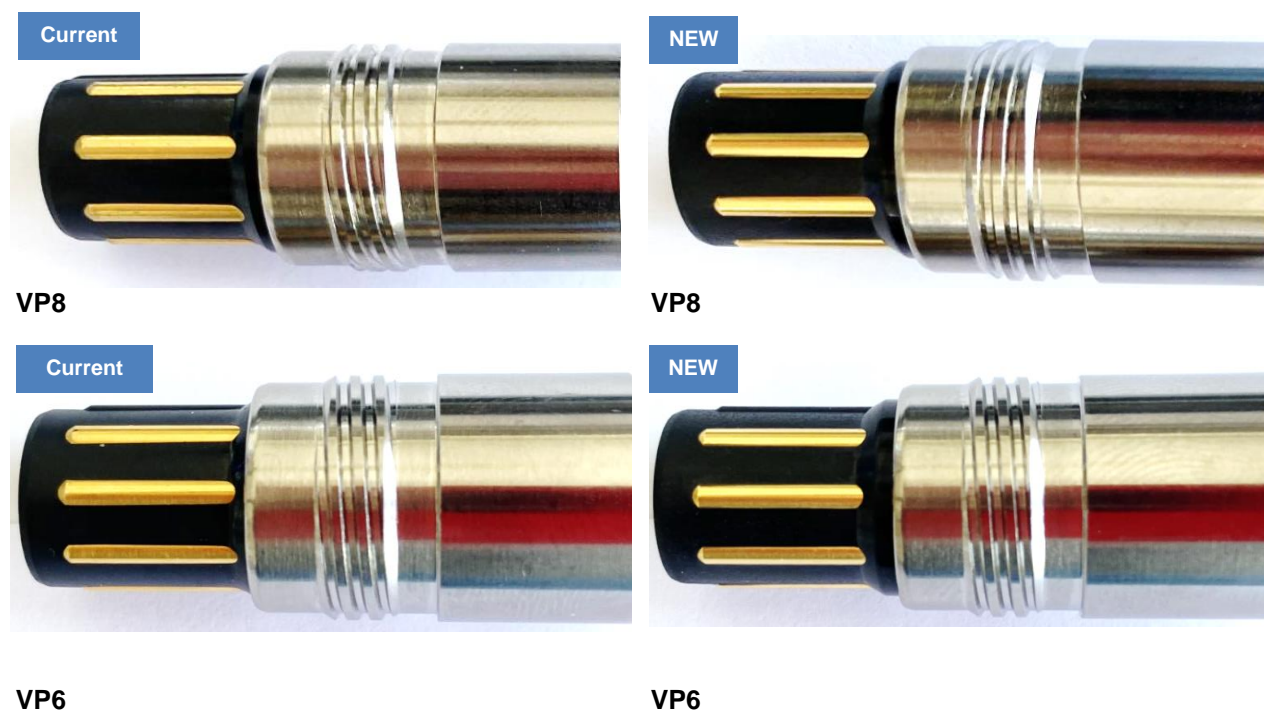


Figure 1: Current and new connectors.

Assessment of Design Adjustment

The connectors remain unchanged regarding the entire functionality, backwards compatibility, including specifications and usability. Our new VP8 and VP6 connectors underwent thorough validation to ensure the consistency and equivalent reliability in daily usage compared to the currently used connectors. Based on the validation results the risk of the change is considered minimal. **Table 1** includes the individual parameters

Overview of tests performed with new VP8 and VP6 connector	
Ergonomy	Passed
Isolation resistance	Passed
Electrical Test	Passed
Temperature Cycles (-30°C to 150°C)	Passed
Autoclavings Cycles (140°C/30min)	Passed
IP 68	Passed
Connection Cycles	Passed
Droptest 1m	Passed
Chemical Resistance	Passed
Gamma Sterilization 55kGy	Passed
Mechanical Robustness	Passed

Table 1: Tests run with the new VP8 and VP6 connector at Hamilton. All tests were designed to comply to IP ratings and typical usage.

Affected Sensors

The new connectors are being replaced progressively. During the transition period of the next three to five months, based on current consumption rate, the change from old to new connectors will be noticeable to you through the serial number on the sensor labeling. This process change will be started approximately end of September 2020. Sensor families with the serial number shown in the table 3 are updated to the new VP8 or VP6 connectors.

Following articles are affected:

Family Description	Serial Nr. higher than:
<i>VisiFerm family – VP8 (Arc)</i>	$\geq 310\ 000$
<i>Incyte Arc family – VP8 (Arc)</i>	$\geq 2\ 000$
<i>pH Family – VP8 (Arc)</i>	$\geq 30\ 000$
<i>pH Family – VP6 (Analog)</i>	$\geq 30\ 000$
<i>ORP Family – VP8 (Arc)</i>	$\geq 30\ 000$
<i>ORP Family – VP6 (Analog)</i>	$\geq 30\ 000$
<i>Conductivity Family – VP8 (Arc)</i>	$\geq 10\ 000$
<i>Conductivity Family – VP6 (Analog)</i>	$\geq 10\ 000$
<i>OxyFerm Family – VP8 (Arc)</i>	$\geq 20\ 000$
<i>OxyFerm Family – VP6 (Analog)</i>	$\geq 20\ 000$
<i>OxyGold Family – VP8 (Arc)</i>	$\geq 20\ 000$
<i>OxyGold Family – VP6 (Analog)</i>	$\geq 20\ 000$
<i>Arc Wi 1/2G Adapter – VP8 (Arc)</i>	$\geq 6\ 000$
<i>Single Use Module – VP8 (Arc)</i>	$\geq 2\ 000$

Table 2: Serial Number range with new VP8 and VP6 connectors

Should you require further information or a list with reference numbers please do not hesitate to contact our technical support (techsupport.pa.ch@hamilton.ch).

Sincerely,
Senior Product Manager
Jahir Kololli



Ref 111003033 / 00