

Product Change Notice

Dear valued customer

This PCN is being issued to inform you of an change to ClampOn DSP Subsea instruments. DSP Subsea instrument will be manufactured with updated certifications and improved design features. Model type and model numbers for the product will not change. Description and extent of change:

Affected products and model numbers			
ClampOn DSP Subsea Particle Monitor	SSE.DS2N.SR00.B10	SSE.DS2N.SR01.B20	SSE.DS2N.DC20.B10
ClampOn DSP Subsea Vibration Monitor	SSE.DS2N.SR00.B20	SSE.DS2N.SC20.B10	SSE.DS2N.DC20.B20
ClampOn DSP Subsea PIG Detector	SSE.DS2N.SR00.B30	SSE.DS2N.SC20.B20	SSE.DS2N.SC21.B10
ClampOn DSP Subsea Leak Monitor	SSE.DS2N.SR01.B10	SSE.DS2N.SC20.B30	SSE.DS2N.SC21.B20
Affected assemblies			
51473-01 Rev2	Sensor front assembly, single		
51474-01 Rev2	Sensor front assembly, dual		
51449-01 Rev2	DSP II CAN gateway II electronics assembly		
51472-01 Rev2	DSP II RS-485 electronics assembly		
Reason for change			
Removal of EOL electronics components. Compliance with updated industry requirements, and improved production methods.			
Description of change			
The subsea instrument portfolio’s electronics assembly is updated:			
<ul style="list-style-type: none">- All variants use an updated PSU board- RS-485 variants use a new connection board- CAN variants use an updated CAN board- Electronics assembly has revised board spacing and shielding plates- Shielding plate included in sensor front assembly			
These changes will not impact the form, fit, functionality or performance of the product			
Related Documents			
26-132-00005 Qualification Test Procedure API 17F 4 th Ed 2017			
26-132-00006 Qualification Test Report API 17F 4 th Ed 2017			
EU Declaration of Conformity			
Project specific GA drawing			
Implementation			
The change will be effective immediately			
Other information			
<ul style="list-style-type: none">- 100% backwards compatible- New RS-485 able to drive termination networks as low as 50Ω- Product able to withstand 1000V isolation voltage test (Note: 50V is still the correct voltage)- Better immunity from internal and external noise sources- No change in external mechanical design- Subsea Flow Temperature is a new product series that shares this platform- Tested to applicable directives for CE, RCM and UKCA marking			
Approvals			
26-020-00142 FMEA DSP II Compact (Internal)			
26.204.0053.13 FMEA CAN Gateway II (Internal)			
26-140-00073 SIIS L2 Test Report CANII v1.16boot/v1.27app			
26-130-00056 EMC report (Internal)			

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14.12.2022
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