

Certificate of compliance Optic liquid level sensors OPW Fluid Transfer Group Europe BV

Product identification	- 5-wire models - 2-wire models	5300E and 5300N 5350E, 5650E, 5650U, 5030U and 5000E
Certification basis	- IEC 61508:2010, parts 1, 2 and 3 - IEC 61511:2017, part 1 - EN 13922:2020	
Assessment basis	 FMEA studies Feedback from the installed base Audit which confirms OPW's implemented management system 	
Assessment results		
Architecture type SFF Systematic capability λ_{DU} PFD _{avg} Condition	The output signal of disappears if the se	e sensor, test interval: 4 years) the sensors is pulsed. The pulsed signal nsor is wetted. Sensor failure leads as well to
	loss of the pulsed signal. The Monitor (convertor unit between sensor(s) and Clients safety system) shall detect disappearance of the pulsed signal and immediately switch over to non-permissive status.	
Sensor integrity	SIL 2	
Reference documents	doc. 21040-1 SIL as doc. H72790 Probe	•
Certificate number	21040A	
Issue date	4 January 2022	
Expire date	4 January 2027	H. Janse

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