

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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