

Sensors for Safety Applications up to SIL3/PL e

Turck's safety proximity switches can now also be used for applications with a high demand mode – with redundancy even up to SIL3 and PL e

Mülheim, 27 March, 2017 – More than 350 SIL2 certified inductive, capacitive and magnetic field sensors from the Turck range are now also certified for SIL3 and PL e. This enables these functionally safe sensors to also be used in redundant configurations for high demand applications in safety circuits up to SIL3 according to IEC 61508 and PL e according to ISO 13849-1. In low demand applications the sensors comply with SIL1 or SIL2 and PL c in single-channel configurations.

Turck safety sensors are built according to the Namur standard and designed as intrinsically safe equipment. Together with Turck's IMX12 interface series, applications up to SIL2 can also be implemented in explosion-proof areas. The devices enable users requiring safety sensors for explosion protection or plant and machine safety to effectively reduce the number of device variants to be kept in reserve. The necessary documentation, such as safety manuals can be obtained, from the product database on the Turck website.

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Turck's safety sensors are designed for functionally safe circuits, explosion-proof areas and for safe machines

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