



MORE THAN SENSORS
AND AUTOMATION

JUMO safetyM TA

Multifunctional safety limiter with fault tolerance



Top features at a glance

- Voting function for degraded plant operation
- SIL 2/SIL 3 according to DIN EN 61508 and PL c/PL e according to DIN EN ISO 13849
- Universal input for pressure, flow, temperature, and level
- Flexible configuration of different SIF scenarios
- Increased plant availability





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Brief overview

The JUMO safetyM TA, which is approved according to IEC 61508 and ISO 13849, increases plant availability and can be operated in a degraded plant state due to an integrated voting function. Abrupt machine downtimes and scrap production are avoided, which makes the multifunctional safety limiter a valuable new addition to the JUMO Safety Performance family. The flexible configuration of various SIF scenarios such as voting, 2oo2, and STB is also possible.

Other advantages

- Wide application possibilities in various industrial processes
- High degree of process reliability and standard-compliant implementation
- Quick and simple startup
- Broad international approval portfolio

Technical data

Product name	JUMO safetyM TA
Product designation	Multifunctional safety limiter with fault tolerance
Type	701158
Measurement inputs	Universal input for pressure, flow, temperature, and level
Limit value monitoring function	Min and max function
Interfaces	Setup program and USB interface
Approvals	EAC, cULus
Certification	SIL 2/SIL 3 and PL c/PL e

