



# The perfect Mix of Safety and Efficiency!

## Magnetic Coupled Mixer VPureMix® ATEX

An ATEX-compliant magnetic field sensor for detection of rotational speed and direction of the mixing head, which is optionally available, as well as a type-approved geared motor enable the use in vessels of pharmaceutical, biotechnological and food industry with ATEX zone 1 and 2 according to Directive 2014/34/EU.

### Technical Data

Materials medium-contacting:	Mixing head: 1.4435 (AISI 316L) Female bearing: Silicon carbide (SSiC) Male bearing: Zirconium dioxide (ZrO <sub>2</sub> ) O-ring: EPDM (standard); FKM, FFKM, VMQ (optional) Tank plate: 1.4435 (AISI 316L)
Surface:	Mixing head: Ra ≤ 0,5 µm (20 µin) Tank plate: Ra ≤ 0,4 µm (16 µin)
Surface treatment:	hand polished and electro polished
pH range:	1 to 14
Design pressure tank plate:	-1 bar (-14 psi) to +7 bar (+101,5 psi)



II 2/3G Ex h IIB T4 Gb/Gc

All magnetic coupled mixers  
VPureMix® LS30 to LS20000  
are available as ATEX version.



Enquire  
now!



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