

# Questionnaire VPureMix® ATEX Magnetic Coupled Mixer

**For the Selection and Testing of explosion-proof Mixers according to EC Directive 2014/34/EC**

<b>Company:</b>	<b>Contact person:</b>		
<b>Address:</b>			
<b>Telephone:</b>	<b>Fax:</b>	<b>E-mail:</b>	
<b>Inquiry/order no.:</b>			

Ex area in the tank	Atmosphere	Zone division			
	<b>Gas</b> (flammable gases/vapors) <input type="checkbox"/>	<b>Zone 0</b> Cat.1 <input type="checkbox"/>	<b>Zone 1</b> Cat.2 <input type="checkbox"/>	<b>Zone 2</b> Cat.3 <input type="checkbox"/>	
	<b>Dust</b> (combustible dust) <input type="checkbox"/>	<i>Zones 20 / 21 / 22 <u>not possible!</u></i>			
Ex-area outside the tank	<b>Gas</b> (flammable gases/vapors) <input type="checkbox"/>		<b>Zone 1</b> Cat.2 <input type="checkbox"/>	<b>Zone 2</b> Cat.3 <input type="checkbox"/>	
	<b>Dust</b> (combustible dust) <input type="checkbox"/>	<i>Zones 21 / 22 <u>not possible!</u></i>			
Process data	<b>Operating pressure</b> [cash abs.]	min	bar	max	bar
	<b>Operating temperature</b> [ °C]	min	°C	max	°C
Process media					
<b>Temperature class:</b>					<b>Ignition temperatures:</b>
<input type="checkbox"/> <b>T1 (&lt; 450 °C)</b>	<input type="checkbox"/> <b>T2 (&lt; 300 °C)</b>	<input type="checkbox"/> <b>T3 (&lt; 200 °C)</b>	<input type="checkbox"/> <b>T4 (&lt; 135 °C)</b>	°C	
<b>Ignition group gases (G):</b>	<input type="checkbox"/> <b>IIA</b>	<input type="checkbox"/> <b>IIB</b>	<input type="checkbox"/> <b>IIC</b>		
<b>Ambient temperature (site)?</b>			min	°C	max
<b>Direct solar radiation (device is behind a window)?</b>			<input type="checkbox"/>	yes	<input type="checkbox"/>
<b>Outdoor installation?</b>			<input type="checkbox"/>	yes	<input type="checkbox"/>
<b>Is the stirring medium electrically conductive?</b>			<input type="checkbox"/>	yes	<input type="checkbox"/>
<b>Should a frequency converter control be provided?</b>			<input type="checkbox"/>	yes	<input type="checkbox"/>
<b>Is the tank made of conductive material?</b>			<input type="checkbox"/>	yes	<input type="checkbox"/>
<b>Chemical resistance tested?</b>			<input type="checkbox"/>	yes	<input type="checkbox"/>
<b>Tank is open</b> (The zone separation is the responsibility of the operator!)			<input type="checkbox"/>	yes	<input type="checkbox"/>
<b>Remarks:</b>					
Date / Signature of applicant					