

## **ATEX** questionnaire



Company House No., street City, State, ZIP code Country					
Point of contact Given name, family name Department Telephone Fax E-mail Request no/reference	O Ms. O Mr. Title				
Customer No. Order Number	(to be filled in by J. Engelsmann AG) (to be filled in by J. Engelsmann AG)				
In accordance with Directive 1999/92/EC, the contracting authority and/or customer is responsible for the determination of the zone in which the device is to be deployed. This document serves as a base for the design of the machine corresponding to ATEX Directive 2014/34/EU.					

### ► 1. General

In which zone will the installation be deployed?

$\bigcirc$	Gas	vapor	٥r	mist	$\bigcirc$	dust
	Gas.	vapoi	OI.	111121	( )	uusi

#### Note:

Our machines are designed for gas and dust Ex-Zones. A process-related intermixing of zones (hybrid mixture) causes deviations from the key explosion-relevant data (e.g. minimum ignition temperature, minimum ignition energy). This must be taken into consideration in the design of the machine. Should this be the case, please contact us.



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2. Gas, vapor or mist						
ATEX zone internal (prod	duct chamber)					
○ 2	O 1	O 0	O none			
ATEX zone external (inst	allation site)					
○ 2	O 1	O none				
Temperature class						
<ul><li>T1 (≤ 450 °C)</li><li>T4 (≤ 135 °C)</li></ul>		<ul><li>T3 (≤ 200 °C)</li><li>T6 (≤ 85 °C)</li></ul>				
Explosion group (applica	ble for gases, vapors, mists	5)				
O IIA (e.g. propane)	O IIB (e.g. ethylene)	O IIC (e.g. hydrogen)				
▶ 3. Dust						
ATEX zone internal (prod	duct chamber)					
○ 22	○ 21	○ 20	O none			
ATEX zone external (installation site)						
○ 22	○ 21	O none				
Maximum permissible surface temperature (T)						
°C	Optional: glow tempera ignition tempera	ture °C erature °C				
Explosion group						
O IIIA (combustible lint ar	nd fibers) O IIIB (no	on-conductive dust)	O IIIC (conductive dust)			
► 4. Supplementary information regarding the drive						
Motor ignition protection category (does not apply for vibration motors)						
O Pressure resistant enclosure Ex d O Increased safety Ex e						



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► Notes	
The details above are correct an the zone mentioned above.	d can be used for the design of the installation which is to be deployed in
Place, date	Signature, company stamp

### Information regarding the use of this inquiry form:

You have the possibility to fill in this inquiry form directly on your computer. To do so, you must first save the PDF on your computer, and open it with Acrobat Reader, as those PDF viewers used by the common internet browsers do not support the form editing function. Please return the completed and signed form to J. Engelsmann AG.

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