



**Danfoss Drives A/S**  
**Drives Division**

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## DECLARATION OF CONFORMITY

Danfoss Drives A/S  
DK-6300 Graasten, Denmark

We declare on our responsibility that below product(s):

**VLT® Decentral FCD3xx-P-T4-P66-xx-R1-Dx-Fxx-T11-Cx**  
**VLT® Decentral FCD3xx-P-T4-P66-xx-R1-Dx-Fxx-T12-Cx**  
**VLT® Decentral FCD3xx-P-T4-P66-xx-R1-Dx-Fxx-T51-Cx**  
**VLT® Decentral FCD3xx-P-T4-P66-xx-R1-Dx-Fxx-T52-Cx**  
(See enclosed nomenclature)

Covered by this certificate are conforming to requirements in the Directive 94/9/EC for Category 3 D (zone 22) under the premise that the product is used and installed according to our instructions, and the below mentioned requirements are implemented:

- Motor must be provided with a Thermistor and an external Thermistor relay, with EC Type Examination Certificate
- Motor must be designed, tested and certified by the motor manufacturer for variable speed application
- Ex-approved Glands must be used
- FCD must be installed with appropriate earth connecting
- FCD controlling motor with type of protection "tD" acc. to EN61241-0 and -1 or EN50281-1-1
- Marking of FCD shall include:  II 3 D T135°C; 0°C ≤ T<sub>amb</sub> ≤ 40°C

Compliance with the essential requirements in the present standards EN50281-1-1, EN50281-1-2 and future standards EN61241-0, EN61241-1.

**Flemming Lynge Nielsen**  
Quality Systems Manager

