

Declaration on environmental compatibility in the fields of EMC¹⁾, climate and mechanical stress

RE 29 583-U/03.02 1/2

Types 4WSE2EM10-5X/, 4WSE2ED10-5X/

Directional servo-valve

The products mentioned above comply with the following basic standards:

1. EMC (electromagnetic compatibility)

prEN 50082-2:1996 VDE 0839 Teil 82-2 Basic specialist standard Interference immunity

EN 61000-4-2:1995 IEC 1000-4-2	VDE 0847-4-2	ESD (electrostatic discharge)	Air discharge: Severity 1 / assessment criterion A Severity 4 / assessment criterion B Contact discharge: Severity 4 / assessment criterion B
EN 61000-4-4:1995	VDE 0847-4-4	BURST (transient discharge)	Supply voltage: Severity 3 / assessment criterion B Data cable up to: Severity 4 / assessment criterion B

Test setup in accordance with prEN 61000-4-2 and prEN 61000-4-4

¹⁾ in the sense of the EMC law dated 30th August 1995 and Directive 89/336/EEC)

2. Climate

EN 60068-2			Environmental test
EN 60068-2-1:1994 EN 60068-2-2:1993		Storage temperature	- 25 °C dwell time 16 hours + 85 °C dwell time 16 hours
IEC 68-2-14:1986		Temperature cycle	2 cycles - 25 °C to + 70 °C Dwell time 3 hours at min. / max. temperature
IEC 68-2-30:1985		Damp heat, cyclical	Variant 2: + 25 °C to + 55 °C 95% to 97% relative humidity 2 cycles, 24 hours

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