



Wels, February 22<sup>nd</sup> 2018

## CONFORMITY WITH GRID CODE REQUIREMENTS

### Fronius International GmbH

Hereby confirms that the inverter series

/ Fronius Symo 3.0-3-M – 8.2-3-M  
fulfils the standard VDE-AR-N 4105.

**The pre-configured values of country setup “60Hz” are the following:**

Parameters	Value	Time	
Under Voltage limit	190V	Trip 11 cycles	Adjustable to -10 % on inverter display
Over voltage limit	264V	Trip 11 cycles	Adjustable to +10 % on inverter display
Under frequency	58Hz	Trip 11 cycles	Adjustable to 59.5 Hz on inverter display
Over frequency	62Hz	Trip 11 cycles	Adjustable to 60.5 Hz on inverter display
Active Anti-Islanding	Reactive power disturbance (2,0 seconds)		
Reconnection time	200 seconds	Adjustable to 300 seconds on inverter display	
Power factor	1	Adjustable on inverter display	
DC injection trip	< 0.5% of nominal current	Adjustable from 0 to 1	
Flicker $P_{St}$	< 0.45%		
THD	< 3.5%		

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