

# **EMF DATASHEET FOR ARC WELDING POWER SOURCE**

### **EQUIPMENT INFORMATION**

Manufacturer Fronius

Model MagicWave 3000 G/F; MagicWave 3000 G/F MV; MagicWave 3000 G/F MV

Model Number 4,075,157; 4,075,157,630; 4,075,157,800

Intended use ⊠ occupational □ by laymen

### **BASIC INFORMATION**

Applied Regulations Directive 2014/35/EU

Referenced Limits Directive 2013/35/EU, Recommendation 1999/519/EC

Applied Standards EN 62822-1:2016, EN 62822-2:2016

Non-thermal effects need to be considered for the workplace assessment  $\square$  yes  $\square$  no Thermal effects need to be considered for the workplace assessment  $\square$  yes  $\square$  no

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Zi.	Data based	on maximum	power	Source	Capability

□ Data based on worst case setting/program

□ Data based on multiple settings / programs

## **COMPLIANCE SUMMARY**

Compliance with ELVs for health effects at standardized configurations  $\boxtimes$  yes  $\square$  no Compliance with ELVs for sensory effects at standardized configurations  $\boxtimes$  yes  $\square$  no All values below the Action Levels at the standardized configurations  $\square$  yes  $\boxtimes$  no

#### **NON-THERMAL EFFECTS**

	HEAD		TRUNK	LIMB HAND	LIMB THIGH
	SENSORY EFFECTS	HEALTH EFFECTS	TRONK	LIMBTIAND	LIMB THIOH
Standardized distance	10.00 cm	10.00 cm	10.00 cm	3.00 cm	3.00 cm
El at standardized distance	0.33	0.32	0.51	0.29	0.67
Required minimum distance	2.00 cm	2.00 cm	3.00 cm	1.00 cm	2.00 cm

Distance where all EIs fall below 20:% 38.80 cm
Distance where compliance with general public limits is reached: 3.00 m