

EU DECLARATION OF CONFORMITY

Enertronica Santerno S.p.A.

Via della Concia, 7 – Castel Guelfo (BO) - Italy

as a Manufacturer

DECLARES

under its sole responsibility that the Variable Frequency Drives of the **SINUS PENTA** series with related accessories and options:

SINUS PENTA		
SINUS PENTA S05	SINUS PENTA S42	SINUS PENTA S60
SINUS PENTA S12	SINUS PENTA S43	SINUS PENTA S60P
SINUS PENTA S14	SINUS PENTA S44	SINUS PENTA S64
SINUS PENTA S15	SINUS PENTA S50	SINUS PENTA S65
SINUS PENTA S20	SINUS PENTA S51	SINUS PENTA S70
SINUS PENTA S22	SINUS PENTA S52	SINUS PENTA S74
SINUS PENTA S30	SINUS PENTA S53	SINUS PENTA S75
SINUS PENTA S32	SINUS PENTA S54	SINUS PENTA S80
SINUS PENTA S40	SINUS PENTA S55	SINUS PENTA S84
SINUS PENTA S41	SINUS PENTA S56	SINUS PENTA S90

which this declaration relates to, when applied under the operating conditions given in the User Manual, following the provisions and comply to the listed standards:

Directives	Harmonized standards		Description
Machine Directive 2006/42/EC Annex VIII and IX	EN 60204-1:2018	Stop Category 0	Safety of machinery – Electrical equipment of machines – Part 1: General requirements
	EN ISO 13849-1:2015	Performance Level (PL): PL ‘d’ “Safe Torque Off”	Safety of machinery — Safety related parts of control systems - Part 1: General principles for design
	EN 61508-1:2010	Safety Integrity Level (SIL): SIL 3 “Safe Torque Off”	Functional safety of electrical/electronic/ programmable electronic safety-related systems - Part 1: General requirements
	EN 61508-2:2010		Functional safety of electrical/electronic/ programmable electronic safety-related systems - Part 2: Requirements for electrical/electronic/ programmable electronic safety-related systems
	EN 61800-5-2:2017		Adjustable speed electrical power drive systems Part 5-2: Safety requirements – Functional
Low Voltage Directive 2014/35/EU	EN 61800-5-1:2007/A11:2021		Adjustable speed electrical power drive systems Part 5-1: Safety requirements - Electrical, thermal and energy
Electromagnetic Compatibility Directive 2014/30/EU	EN IEC 61800-3:2018		Adjustable speed electrical power drive systems. Part 3: EMC requirements and specific test methods
Ecodesign 2009/125/EC Regulation (EU) 2019/1781 & 2021/341	EN 61800-9-2:2017		Adjustable speed electrical power drive systems Part 9-2: Ecodesign for power drive systems, motor starters, power electronics and their driven applications - Energy efficiency indicators for power drive systems and motor starters
Restriction of the use of certain hazardous substances 2011/65/EU & 2015/863	EN IEC 63000:2018		Tech documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Castel Guelfo, 18 October 2022
Place and Date

Giampaolo Sgubbi
Technical Director




Enertronica Santerno S.p.A.

7, Via della Concia - 40023 Castel Guelfo (BO) Italy | Ph. +39 0542 489711

Share Capital €785,560.60 fully paid-up | Tax Id. no. and VAT no. 05151831210 | BO Reg. no. 536234

PEC: enertronica@pec.it | info@santerno.com | www.enertronicasanterno.it