

Dated: 27 September 2022

ELV Compliance Statement ELV 禁限用物质合规性声明

Knowles Precision Devices is a leading supplier of electronic components, supporting the European End-of-Life Vehicles (ELV) Directive 2000/53/EC, GB/T 30512 National Standard of the people's republic of China, and customer requirements of our industry.

Knowles Precision Devices 是电子元件的领先供应商，支持欧洲报废车辆指令（ELV）2000/53/EC，中华人民共和国 GB/T 30512 国家标准以及我们行业的客户需求。

ELV 2000/53/EC Directive 报废车辆指令 2000/53/EC

Directive 2000/53/EC of the European Parliament and of the Council of 18 September 2000 on end-of life vehicles including legal text published in the Official Journal of the European Union. This Directive lays down measures which aim, as a first priority, at the prevention of waste from vehicles and, in addition, at the reuse, recycling and other forms of recovery of end-of life vehicles and their components so as to reduce the disposal of waste, as well as at the improvement in the environmental performance of all of the economic operators involved in the life cycle of vehicles and especially the operators directly involved in the treatment of end-of life vehicles.

2000年9月18日，欧盟委员会和欧洲议会在欧盟官方刊物上发表关于报废车辆指令 2000/53/EC 的法律文本。该指令制定了措施，目的是预防车辆产生的废弃物。此外，在重复使用，循环再造及其他方式回收报废车辆及其部件，以减少废弃物的处置，并提高所有经济运营商参与车辆生命周期的环境绩效，尤其是直接参与处理报废车辆的的运营商。

GB/T 30512 National Standard of the people's republic of China 中华人民共和国国家标准 GB/T 30512

This Standard is intended to enable the domestic automobile manufacturers and automobile import agents to prohibit the use of Lead, Mercury, Cadmium, Hexavalent Chromium, PolyBrominated biphenyls, and PolyBrominated diphenyl ethers in the research and development, production, importation, marketing and other channels of automobile products. Restriction requirements on other hazardous substances in this Standard are not specified.

该标准旨在使国内汽车制造商和进口代理商在汽车产品的研发、生产、进口、销售等渠道中禁止使用铅，汞，镉，六价铬，多溴联苯和多溴二苯醚。本标准对其他危险物质的限制要求未作规定。

Directive 2000/53/EC and GB/T 30512 declaration 2000/53/EC指令和GB/T 30512声明

All product lines listed in Table B comply with the prohibitions and restrictions on substances in Table A that are set out in Directive 2000/53/EC of the European Parliament and GB/T 30512 National Standard of the people's republic of China.

表 B 中列出的所有产品线均符合欧洲议会 2000/53/EC 指令和中华人民共和国国家标准 GB/T 30512 对表 A 中物质的禁止和限用。

Table A: Substance list 物质清单

	RESTRICTED SUBSTANCE 限制物质	Symbol化学名称	MAXIMUM THRESHOLD LIMIT 最大阈值限制
1	Lead 铅	Pb	1000 ppm (0.1 weight %)
2	Cadmium 镉	Cd	100 ppm (0.01 weight %)
3	Mercury 汞	Hg	1000 ppm (0.1 weight %)
4	Hexavalent chromium 六价铬	Cr (VI)	1000 ppm (0.1 weight %)
5	Polybrominated biphenyls 多溴联苯	PBB	1000 ppm (0.1 weight %)
6	Polybrominated diphenyl ethers 多溴二苯醚	PBDE	1000 ppm (0.1 weight %)

Table B: Product list 产品列表

Product line 产品线	Description 描述	ELV Directive 2000/53/EC ELV指令2000/53/EC	China Standard GB/T 30512 国家标准GB/T 30512
All Knowles Precision Devices Automotive product lines. 所有Knowles Precision Devices汽车产品线。	All AECQ-200 qualified products. 所有AEC-Q200认证产品线。	Compliant 符合	Compliant 符合



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