



RoHS

(Restriction of Hazardous Substances)

Certificate of Compliance

MKS Instruments, Inc. hereby certifies that the products listed in the attached table are compliant with the European Union's RoHS Directive, (EU) 2015/863 amending Annex II to Directive 2011/65/EU of the European Parliament and of the Council regarding the restriction of the use of certain hazardous substances in electrical and electronic equipment. The products listed below are compliant to RoHS requirements for concentration limitations, by weight of homogeneous material, of the ten substances shown on the following page.

<u>Product</u>	<u>RoHS Compliant Part Number</u>
9301 Adjustment Screw, Knob, Braked, 12.7 mm Travel, Ball Tip, 1/4-80	902128-01
9301-K Adjustment Screw, Hex, Braked, 12.7 mm Travel, Ball Tip, 1/4-80	902128-02
9302 Adjustment Screw, Knob, Braked, 25.4 mm Travel, Ball Tip, 1/4-80	902128-03
9302-K Adjustment Screw, Hex, Braked, 25.4 mm Travel, Ball Tip, 1/4-80	902128-04
9303 ASSY, EXTRA-FINE AJS, HEX	902128-05
9303-K Adjustment Screw, Hex, Braked, 50.8 mm Travel, Ball Tip, 1/4-80	902128-06
9304 Adjustment Screw, Knob, Braked, 19.1 mm Travel, Ball Tip, 1/4-80	902128-07
9304-K Adjustment Screw, Hex, Braked, 19.1 mm Travel, Ball Tip, 1/4-80	902128-08
9305 Adjustment Screw, Knob, Braked, 38.1 mm Travel, Ball Tip, 1/4-80	902128-09
9305-K Adjustment Screw, Hex, Braked, 38.1 mm Travel, Ball Tip, 1/4-80	902128-10



The thresholds shown below are not in place for any legally allowable exemptions per Annex III of the aforementioned directive. If such exemptions are in use, they are noted on the attached table. If no exemptions are in use, then no further information is provided.

All information provided in this Certificate of Compliance is accurate to MKS' knowledge as of the date of this certification. This confirmation is made based our internal engineering risk analysis of the individual items possibly being present along with the best technical information made available to MKS from its material suppliers.

Gwen Briens
Vice-President and General Manager
Instruments, Motion and CVC BU

October 1, 2021

Date

LIST OF SUBSTANCES BANNED BY ROHS DIRECTIVE EU 2015/863

(Item cannot exceed 0.1% of homogeneous material – except as noted)

- Lead (Pb)
- Mercury (Hg)
- Cadmium (Cd) – 0.01% limit
- Hexavalent chromium (Cr6+)
- Polybrominated biphenyls (PBB)
- Polybrominated diphenyl ether (PBDE)
- Diisobutyl phthalate (DIBP)
- Bis (2-ethylhexyl) phthalate (DEHP)
- Butyl benzyl phthalate (BBP)
- Dibutylphthalate (DBP)

MKS ROHS DIRECTIVE 2011/65/EU PRODUCT EXEMPTIONS



MKS Product Number	MKS Product Description	Annex III Exemption #	Annex III Exemption Description
9301	Adjustment Screw, Knob, Braked, 12.7 mm Travel, Ball Tip, 1/4-80	6(c)	Copper alloy containing up to 4% lead by weight. Expires on: - 21 July 2021 for categories 1-7 and 10, - 21 July 2021 for categories 8 and 9 other than in vitro diagnostic medical devices and industrial monitoring and control instruments, - 21 July 2023 for category 8 in vitro diagnostic medical devices, - 21 July 2024 for category 9 industrial monitoring and control instruments, and for category 11.
9301-K	Adjustment Screw, Hex, Braked, 12.7 mm Travel, Ball Tip, 1/4-80	6(c)	Copper alloy containing up to 4% lead by weight. Expires on: - 21 July 2021 for categories 1-7 and 10, - 21 July 2021 for categories 8 and 9 other than in vitro diagnostic medical devices and industrial monitoring and control instruments, - 21 July 2023 for category 8 in vitro diagnostic medical devices, - 21 July 2024 for category 9 industrial monitoring and control instruments, and for category 11.
9302	Adjustment Screw, Knob, Braked, 25.4 mm Travel, Ball Tip, 1/4-80	6(c)	Copper alloy containing up to 4% lead by weight. Expires on: - 21 July 2021 for categories 1-7 and 10, - 21 July 2021 for categories 8 and 9 other than in vitro diagnostic medical devices and industrial monitoring and control instruments, - 21 July 2023 for category 8 in vitro diagnostic medical devices, - 21 July 2024 for category 9 industrial monitoring and control instruments, and for category 11.
9302-K	Adjustment Screw, Hex, Braked, 25.4 mm Travel, Ball Tip, 1/4-80	6(c)	Copper alloy containing up to 4% lead by weight. Expires on:



			<ul style="list-style-type: none"> - 21 July 2021 for categories 1-7 and 10, - 21 July 2021 for categories 8 and 9 other than in vitro diagnostic medical devices and industrial monitoring and control instruments, - 21 July 2023 for category 8 in vitro diagnostic medical devices, - 21 July 2024 for category 9 industrial monitoring and control instruments, and for category 11.
9303	ASSY, EXTRA-FINE AJS, HEX	6(c)	<p>Copper alloy containing up to 4% lead by weight. Expires on:</p> <ul style="list-style-type: none"> - 21 July 2021 for categories 1-7 and 10, - 21 July 2021 for categories 8 and 9 other than in vitro diagnostic medical devices and industrial monitoring and control instruments, - 21 July 2023 for category 8 in vitro diagnostic medical devices, - 21 July 2024 for category 9 industrial monitoring and control instruments, and for category 11.
9303-K	Adjustment Screw, Hex, Braked, 50.8 mm Travel, Ball Tip, 1/4-80	6(c)	<p>Copper alloy containing up to 4% lead by weight. Expires on:</p> <ul style="list-style-type: none"> - 21 July 2021 for categories 1-7 and 10, - 21 July 2021 for categories 8 and 9 other than in vitro diagnostic medical devices and industrial monitoring and control instruments, - 21 July 2023 for category 8 in vitro diagnostic medical devices, - 21 July 2024 for category 9 industrial monitoring and control instruments, and for category 11.
9304	Adjustment Screw, Knob, Braked, 19.1 mm Travel, Ball Tip, 1/4-80	6(c)	<p>Copper alloy containing up to 4% lead by weight. Expires on:</p> <ul style="list-style-type: none"> - 21 July 2021 for categories 1-7 and 10, - 21 July 2021 for categories 8 and 9 other than in vitro diagnostic



			<p>medical devices and industrial monitoring and control instruments,</p> <ul style="list-style-type: none"> - 21 July 2023 for category 8 in vitro diagnostic medical devices, - 21 July 2024 for category 9 industrial monitoring and control instruments, and for category 11.
9304-K	Adjustment Screw, Hex, Braked, 19.1 mm Travel, Ball Tip, 1/4-80	6(c)	<p>Copper alloy containing up to 4% lead by weight. Expires on:</p> <ul style="list-style-type: none"> - 21 July 2021 for categories 1-7 and 10, - 21 July 2021 for categories 8 and 9 other than in vitro diagnostic medical devices and industrial monitoring and control instruments, - 21 July 2023 for category 8 in vitro diagnostic medical devices, - 21 July 2024 for category 9 industrial monitoring and control instruments, and for category 11.
9305	Adjustment Screw, Knob, Braked, 38.1 mm Travel, Ball Tip, 1/4-80	6(c)	<p>Copper alloy containing up to 4% lead by weight. Expires on:</p> <ul style="list-style-type: none"> - 21 July 2021 for categories 1-7 and 10, - 21 July 2021 for categories 8 and 9 other than in vitro diagnostic medical devices and industrial monitoring and control instruments, - 21 July 2023 for category 8 in vitro diagnostic medical devices, - 21 July 2024 for category 9 industrial monitoring and control instruments, and for category 11.
9305-K	Adjustment Screw, Hex, Braked, 38.1 mm Travel, Ball Tip, 1/4-80	6(c)	<p>Copper alloy containing up to 4% lead by weight. Expires on:</p> <ul style="list-style-type: none"> - 21 July 2021 for categories 1-7 and 10, - 21 July 2021 for categories 8 and 9 other than in vitro diagnostic medical devices and industrial monitoring and control instruments, - 21 July 2023 for category 8 in vitro diagnostic medical devices,



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			- 21 July 2024 for category 9 industrial monitoring and control instruments, and for category 11.
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