

RoHS Compliance Declaration

Gems has the clear objective to guarantee customers products of high quality and reliability. As a safe and trustworthy choice for our customers, Gems ensures that its RoHS compliant products are designed to be:

In compliance with the requirements defined under **Directive 2011/65/EC** of the European Parliament, including the amendments under **2015/863/EU** and **Commission Delegated Directive (EU) 2019/172**.

RoHS Restricted Substance	Allowable Limit
Lead	1000ppm (0.1 weight %)
Mercury	1000ppm (0.1 weight %)
Cadmium	100ppm (0.01 weight %)
Hexavalent Chromium	1000ppm (0.1 weight %)
Polybrominated Biphenyls (PBB)	1000ppm (0.1 weight %)
Polybrominated Diphenyl Ethers (PBDE)	1000ppm (0.1 weight %)
Bis(2-Ethylhexyl) phthalate (DEHP)	1000ppm (0.1 weight %)
Benzyl butyl phthalate (BBP)	1000ppm (0.1 weight %)
Dibutyl phthalate (DBP)	1000ppm (0.1 weight %)
Diisobutyl phthalate (DIBP)	1000ppm (0.1 weight %)

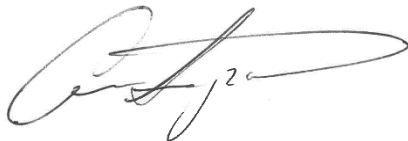
Gems RoHS compliant products contain no more than 0.1% lead (Pb) by weight per homogeneous material, unless exempted by RoHS under Annex III for category g industrial monitoring and control instruments. Gems may declare the use of the following RoHS exemptions for RoHS compliant products:

Exemption	RoHS Exemption Description
6(a)	Lead as an alloying element in steel for machining purposes and in galvanized steel containing up to 0.35% lead by weight
6(b)	Lead as an alloying element in aluminum containing up to 0.4% lead by weight
6(c)	Copper alloy containing up to 4% lead by weight
7(a)	Lead in high melting temperature type solders (i.e. lead-based alloys containing 85% by weight or more lead)
7(c)	Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound

To the best of our knowledge and due diligence, the following Gems products comply with the restriction on hazardous substances as detailed below:

Product	Gems Part Numbers		
CAP-100 Level Switch	228830	233708	241461
	229855	238495	241462
	230079	240019	241463
	230081	241447	241464
	232755	241448	
	232766	241449	

For and on behalf of Gems Sensors, Inc.



Alec Surprenant
Electrical Engineer
Gems Sensors, Inc.
7 October 2020