

Material Declaration

<Date of declaration>

Date	2019-01-10
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<MD ID number>

MD-ID-No.	
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<Supplier (respondent) information>

Company name	Endress+Hauser
Division name	
Address	Kägenstr. 2, CH 4153 Reinach
Contact person	Ulrich Kaiser
Telephone number	+41617157714
Fax number	
E-mail address	ulrich.kaiser@holding.endress.com
SDoC ID-No.	

<Other information>

Remark 1	
Remark 2	
Remark 3	

<Product information>

Product name	Product number	Delivered unit		Product information
		Amount	Unit	
all Endress+Hauser standard products		1	piece	Field devices for process automation

<Material information>

	Unit
This materials information shows the amount of hazardous materials contained in	1 piece

Table	Material name	Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used	
			Yes/No	Mass	Unit		
Table A** (materials listed in appendix 1 of the Convention)	Asbestos	0.1%*	No				
	Polychlorinated biphenyls (PCBs)	50 mg/kg	No				
	Ozon depleting substance	Chlorofluorocarbons (CFCs)	no threshold level	No			
		Halons		No			
		Other fully halogenated CFCs		No			
		Carbon tetrachloride		No			
		1,1,1-Trichloroethane		No			
		Hydrochlorofluorocarbons		No			
		Hydrobromofluorocarbons		No			
		Methyl bromide		No			
Bromochloromethane	No						
Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No					
Table B** (materials listed in appendix 2 of the Convention)	Cadmium and cadmium compounds	100 mg/kg	No				
	Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg	No				
	Lead and lead compounds	1,000 mg/kg	Yes		mg	see note * on next page	
	Mercury and mercury compounds	1,000 mg/kg	No				
	Polybrominated biphenyl (PBBs)	50 mg/kg	No				
	Polybrominated diphenyl ethers (PBDEs)	1,000 mg/kg	No				
	Polychloronaphthalenes (Cl >= 3)	50 mg/kg	No				
	Radioactive substances	no threshold level	Yes	5	g	for Radiometric products only	
Certain shortchain chlorinated paraffins	1%	No					
Annex II*** (Additional materials)	Perfluorooctane sulfonic acid (PFOS)	no threshold level	NA				
	Brominated Flame Retardant (HBCDD)	no threshold level	NA				

*Please refer to footnote 18 on the "Form of Material Declaration" in the IMO Guidelines Resolution MEPC.269(68).

**Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships, 2009 (SR/CONF/45).

***Regulation EU No. 1257/2013 of the European Parliament and of the Council of 20 November 2013 on Ship Recycling and amending Regulation EC No. 1013/2006 and Directive 2009/16/EC

*Note Lead and Lead Compounds

A relevant portion of our products may contain lead (CAS no. 7439-92-1) as:

- Lead as constituents in, amongst other materials, aluminum or copper alloys (brass).
- Lead in high melting temperature type solders.
- Lead as lead zirconate titanate (CAS no. 12626-81-2) in piezo-transducers.
- Lead as radiation protection material for our Radiometric products.

The amount of lead or lead compounds depends on the respective product and its configuration.