

BECKHOFF**Product Substance Compliance**

Corporate Management
 Phone: +49 5246 963-0
 Substance-
 compliance@beckhoff.com

17 November 2021

**Material Declaration according to Annex 17 IMO Marine Environment
 Protection Committee Resolution MEPC 269(68)**
FORM OF MATERIAL DECLARATION**<Date of declaration>**

Date	08 th April 2021
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<MD ID number>

MD- ID-No.	
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<Other information>

Remark 1	
Remark 2	
Remark 3	

<Supplier (respondent) information>

Company name	Beckhoff Automation GmbH & Co. KG
Division name	Product Substance Compliance
Address	Huelshorstweg 20, 33415 Verl
Contact person	Product Substance Compliance
Telephone number	+49 5246 963-0
Fax number	+49 5246 963-90
Email address	Substance-compliance@beckhoff.com
SDoC ID no.	

<Product information>

Product name	Product number	Delivered unit			Product information
		Amount	Unit		
EtherCAT Terminals : EL-Series, ELM-Series, ELX-Series TwinSAFE- Series	ELxxxx, ELMxxxx ELXxxxx ELx9xx		piece		
BUS Terminals:	KLxxxx				
Bus Terminal Controllers	BCxxxx BXxxxx				
EtherCAT Bus Coupler EtherCAT Coupler	BKxxxx EKxxxx				



<Materials information>

This materials information shows the amount of hazardous materials contained in

1	piece
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(unit: piece, kg, m, m², m³, etc.) of the product

Table	Material name		Threshold value	Present above threshold value	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	Asbestos	no threshold level	No			
	Polychlorinated biphenyls (PCBs)	Polychlorinated biphenyls (PCBs)	no threshold level	No			
	Ozone depleting substance	Chlorofluorocaobons (CFCs)	no threshold value	No			
		Halons		No			
		Other fully halogenated CFCs		No			
		Carbon tetrachloride		No			
		1,1,1-Trichloroethane		No			
		Hydrochlorofluorocaobons		No			
		Hydrobromofluorocaobons		No			
	Anti-fouling systems containing organotin compounds as a biocide	Methyl bromide	2,500 mg total tin/kg	No			
		Bromochloromethane		No			
				No			
				No			

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Table	Material name	Threshold value	Present above threshold value	If yes, material mass		If yes, information on where it is used
			Yes / No	Mass	Unit	
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	No			
	Mercury and mercury compounds	1,000 mg/kg	No			
	Polybrominated biphenyl (PBBs)	50 mg/kg	No			
	Polybrominated dephenyl ethers (PBDEs)	1,000 mg/kg	No			
	Polychloronaphthalenes (Cl \geq 3)	50 mg/kg	No			
	Radioactive substances	no threshold value	No			
	Certain shortchain chlorinated paraffins	1%	No			

Best Regards

Beckhoff Automation GmbH & Co. KG

Product Substance Compliance

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Beckhoff Automation
GmbH & Co. KG
Huelshorstweg 20
33415 Verl, Germany

PO Box 11 42
33398 Verl, Germany

Phone: +49 5246 963 - 0
Sales: +49 5246 963 - 1000
Service: +49 5246 963 - 460
Support: +49 5246 963 - 157

www.beckhoff.com

info@beckhoff.com
sales@beckhoff.com
service@beckhoff.com
support@beckhoff.com
international-sales@beckhoff.com
engineering@beckhoff.com

General Manager:
Dipl.-Phys. Hans Beckhoff

Register court:
Gütersloh HRA 7075

VAT ID number: DE 815529334

Kreissparkasse Wiedenbrück
BIC: WELADED1WDB
IBAN: DE24 4785 3520 0000 0600 04 (EUR)
IBAN: DE02 4785 3520 0000 0600 12 (USD)
Deutsche Bank (EUR, USD)
BIC: DEUTDE33489
IBAN: DE95 4807 0043 0373 6014 00