

Building product declaration 2015

according to BPD associations' standardised format eBVD2015

UltraLink monitor - FTMU

1. BASIC DATA

Document data

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Changes relates to:

Declaration of contents, new connection cable

UltraLink monitor - FTMU

Article name:

UltraLink monitor - FTMU

Article No/ID concept

Article identity: GTIN

7319661518711, 7319661638266, 7319661640061, 7319661640078, 7319661640085, 7319661640092, 7319661640108, 7319661640115, 7319661640122, 7319661640139, 7319661640146

Product group/Product group classification

Product group system	Product group id
BK04	21002
BSAB96	Q
BSAB96	QJJ

Article description:

Ultralink Monitor (FTMU) is used for measuring air flow and temperature without loss of pressure in ventilation systems. The air flow measurement technique is based on ultrasonic sensors. Which means that no insertion parts in the air flow are needed that can collect dirt and provide uncertain air flow accuracy - which provides unique benefits of energy efficiency, simplification and cleaning. FTMU consists of a duct with sensors and display. Assessments at SundaHus and Byggvarubedömningen etc. are registered under the name "UltraLink monitor". It is also possible to use the article name as search criteria.

Declarations of performance:

Not applicable

Declaration of performance number:

Other information:

Lindab Sverige AB

Company name:

Organisation number:

Lindab Sverige AB	556247-2273
Address: Järnvägsgatan 41	Contact person: Matilda Isaksson
E-mail: matilda.isaksson@lindab.com	Telephone: +46 72 353 44 61
VAT number: SE556247227301	Website: www.lindab.se
GLN:	DUNS:

Environmental certification system

- BREEAM
 BREEAM-SE
 LEED 2009
 LEED version 4
 Miljöbyggnad (Swedish certifica

Annexes

Annex

https://itsolution.lindab.com/LindabWebProductsDoc/PDF/Documentation/ADS/Lindab/Building_product_Declarations/Attachment/Diakon@_ST35G8_Da
https://itsolution.lindab.com/LindabWebProductsDoc/PDF/Documentation/ADS/Lindab/Building_product_Declarations/Attachment/CYCOLOY™_C1200H
https://itsolution.lindab.com/LindabWebProductsDoc/PDF/Documentation/ADS/Lindab/Building_product_Declarations/Attachment/SGS_Test-report_IT-1
https://itsolution.lindab.com/LindabWebProductsDoc/PDF/Documentation/ADS/Lindab/Building_product_Declarations/Attachment/SGS_Test-report_GDI
https://itsolution.lindab.com/lindabwebproductsdoc/pdf/documentation/ADS/lindab/RoHS/Lindab_RoHS_Ventilation_Products.pdf

2. SUSTAINABILITY WORK

Company's certification

- ISO 9001
 ISO 14001

Other:

Policies and guidelines

- The company has a code of conduct/policy/guidelines for dealing with social responsibility in the supplier chain, including produces for ensuring the requirements
 This is third-party audited

If yes, which if the following guidelines have you affiliated to or management system you have implemented

- UN guiding principles for companies and human rights
 ILO's eight core conventions
 OECD Guidelines for Multinational Enterprises
 UN Global Compact
 ISO 26000

Other policy guidelines

Management system

If you have a management system for corporate social responsibility, what out of the following is included in the work?

The data provider is solely responsible for data on articles/products that have been registered in the database. The data provider and the Swedish Association of Construction Product Industries cannot be held responsible for correct information incorrectly entered into the database.

- Mapping
- Risk analysis
- Action plan
- Monitoring

Sustainability reporting guidelines:

GRI - Global Reporting Initiative

3. DECLARATION OF CONTENTS

Chemical content

Enter chemical content for the whole article. The concentration is calculated at component level according to the principle of “once an article always an article”.

Is there a safety data sheet for the article?

Not applicable

Is there classification of the article?

Not applicable

Enter which version of the candidate list has been used (Year, month, day)

For complex products, the concentration of included substances has been calculated at:

whole construction product

The article is covered by the RoHS Directive:

Yes

Enter the weight of the article:

Enter how large a proportion of the material content has been declared [%]:

100

If the article contains nanomaterials deliberately added to obtain a particular function, enter these here:

The product does not contain deliberately added nanomaterial

Is the article registered in Basta?

Enter the proportion of volatile organic substances [g/litre], applies only to sealants, paints, varnishes and adhesives:

Yes

Other information:

Article and/or sub-components

Phase	Delivery
Component	Cable access
Weight% of product	

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
Plastic	PVC	=0.1	9002-86-2	<input type="checkbox"/>	<input type="checkbox"/>

Component	Connection cable
Weight% of product	

Comment

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
	Copper	=1.57	7440-50-8	<input type="checkbox"/>	<input type="checkbox"/>
	Polypropylene (PP)	=1.57	9003-07-0	<input type="checkbox"/>	<input type="checkbox"/>
Comment: Wire isolation					

PUR

=1.57

9009-54-5

Comment: Jacket

Component	Glas display, fiber optic	Weight% of product
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Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
Plastic Diakon ST35G8 AcPMMA		=0.6	9011-14-7	<input type="checkbox"/>	<input type="checkbox"/>
Comment: See attached datasheet					

Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
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Component	Housing Bott, housing disp	Weight% of product
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Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
Plastic Cycoloy C1200HF ABS		=3.22	9003-56-9	<input type="checkbox"/>	<input type="checkbox"/>
Plastic Cycoloy C1200HF PC		=3.23	111211-39-3	<input type="checkbox"/>	<input type="checkbox"/>
Comment: See attached datasheet					

Component	Outer cover and console	Weight% of product
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Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
Galvanized steel		=75.9	EN 10346:2015	<input type="checkbox"/>	<input type="checkbox"/>

Component	Print	Weight% of product
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Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
Electronics	Aluminium	=0.05	7429-90-5	<input type="checkbox"/>	<input type="checkbox"/>
Electronics	Brass	<0.01	12597-71-6	<input type="checkbox"/>	<input type="checkbox"/>
Electronics	Ceramics	=0.05	66402-68-4	<input type="checkbox"/>	<input type="checkbox"/>
Electronics	Copper	=0.097	7440-50-8	<input type="checkbox"/>	<input type="checkbox"/>
Electronics	Epoxy resin	=0.027	61788-97-4	<input type="checkbox"/>	<input type="checkbox"/>
Electronics	Glas fiber	=0.034	-	<input type="checkbox"/>	<input type="checkbox"/>
Electronics	Iron	=0.078	7439-89-6	<input type="checkbox"/>	<input type="checkbox"/>
Electronics	Nickel	=0.018	7440-02-0	<input type="checkbox"/>	<input type="checkbox"/>
Electronics	Phenol resin	<0.01	9003-35-4	<input type="checkbox"/>	<input type="checkbox"/>
Electronics	Polyamide	=0.78	63428-84-2	<input type="checkbox"/>	<input type="checkbox"/>
Electronics	Silica	=0.65	7631-86-9	<input type="checkbox"/>	<input type="checkbox"/>
Electronics	Silicon	<0.01	7440-21-3	<input type="checkbox"/>	<input type="checkbox"/>
Electronics	Tin	=0.01	7440-31-5	<input type="checkbox"/>	<input type="checkbox"/>
Electronics	Zinc	=0.01	7440-66-6	<input type="checkbox"/>	<input type="checkbox"/>
PCB	Copper	=0.26	7440-50-8	<input type="checkbox"/>	<input type="checkbox"/>

PCB	Epoxy resin	=2.29	61788-97-4	<input type="checkbox"/>	<input type="checkbox"/>
			Comment: See attached test reports for more information about the PCB.		
PCB	Nickel	<0.01	7440-02-0	<input type="checkbox"/>	<input type="checkbox"/>
PCB	TBBPA	=0.37	79-94-7	<input type="checkbox"/>	<input type="checkbox"/>
			Comment: FR-4		

Component	Safe sealing strip		Weight% of product		
Comment					
Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
Rubber	EPDM	=1.61	25034-71-3	<input type="checkbox"/>	<input type="checkbox"/>
Rubber	Paraffin oil	=0.38	8012-95-1	<input type="checkbox"/>	<input type="checkbox"/>
			Comment: Health test performed without remarks.		

Component	Screws		Weight% of product		
Comment					
Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
	Steel	=0.2	SS1312	<input type="checkbox"/>	<input type="checkbox"/>

Component	Steel band		Weight% of product		
Comment					
Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
	Steel	=1.29	AZ SS-EN 10215	<input type="checkbox"/>	<input type="checkbox"/>

Component	Transducer		Weight% of product		
Comment					
Material	Substance	Concentration interval (%)	EG/CAS/Alternative designation	Candidate list	Phasing-out substance
Acoustic window - Eccofo	Epoxy Resins	=0.004	61788-97-4	<input type="checkbox"/>	<input type="checkbox"/>
Acoustic window - Eccofo	Hollow glass spheres	=0.004	65997-17-3	<input type="checkbox"/>	<input type="checkbox"/>
Coaxial cable RG179 – ENPE		=0.23	9002-88-4	<input type="checkbox"/>	<input type="checkbox"/>
Coaxial cable RG179 – ENPVC		=0.72	9002-86-2	<input type="checkbox"/>	<input type="checkbox"/>
Coaxial cable RG179 – EN	Silver plated copper clad steel	=0.18	7440-22-4	<input type="checkbox"/>	<input type="checkbox"/>
			Comment: 7440-22-4, 7440-40-8, 7439-89-6		
Coaxial cable RG179 – ENT	Tinned Copper	=0.75	7440-50-8	<input type="checkbox"/>	<input type="checkbox"/>
Encapsulation	Polyamide	=1.76	63428-84-2	<input type="checkbox"/>	<input type="checkbox"/>
PCB	Epoxy Resin	=0.03	61788-97-4	<input type="checkbox"/>	<input type="checkbox"/>
			Comment: FR-4		
PCB	TBBPA	=0.03	79-94-7	<input type="checkbox"/>	<input type="checkbox"/>
			Comment: TR-4		
Piezo ceramic disc	Lead Zirconate Titanate	=0.17	12626-81-2	<input type="checkbox"/>	<input type="checkbox"/>
Transducer house	Aluminium	=0.12	7429-90-5	<input type="checkbox"/>	<input type="checkbox"/>

4. RAW MATERIALS

Raw materials

Component	Material	Transport type
	Steel	Ship
Country of raw material extraction		City of raw material extraction
Sweden		-
Country of manufacture/production		City of manufacture/production
Comment		
The steel raw material is produced at different smelting plants, mainly in the EU, according to the detailed specification of the current standard. The sheet dimensions are then adjusted at the production unit in Grevie.		

Total recycled material in the article

<input checked="" type="checkbox"/>	Is recycled material included in the article?
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Material		
Steel		
Proportion after the consumer stage	Proportion before the consumer stage	Weight/percent by weight
100	0	20 %
Comment		
About 20% recycled material are being used in the production of steel.		

Renewable material

Enter proportion of renewable material in the article (short cycle, less than 10 years):

0

Enter proportion of renewable material in the article (long cycle, more than 10 years):

0

Included biobased raw material is tested according to ASTM test method D6866:

Is there supporting documentation for the raw materials for third-party certified system for control of origin, raw material extraction, manufacturing or recycling processes or similar (for example BES 6001:2008, EMS certificate, USGBC Program)? If yes, enter system(s):

No

Wood raw materials

Wood raw materials are included

Included wood raw material is certified

How large a proportion is certified [%]?

What certification system has been used (for example FSC, CSA, SFI with CoC, PEFC)?

Reference number:

Enter logging country for the wood raw material and that following criteria have been met. Country of logging:

Does not contain type of wood or origin in CITES appendix of endangered species

The timber has been logged legally and there is certification for this

5. ENVIRONMENTAL IMPACT

Environmental impact during life cycle of the article, production phase module A1-A3 under EN

Has environmental product declaration been drawn up according to EN 15804 or ISO 14025 for the article?

These product-specific rules, known as PCR, have been applied:

Registration number / ID number for EPD:

Climate impact (GWP100) [kg CO₂-eq]:

Ozone depletion (ODP) [kg CFC 11-eq]:

Acidification (AP) [kg SO₂-eq]:

Ground-level ozone (POCP) [kg ethene-eq]:

Eutrophication (EP) [kg (PO₄)-3-eq]:

Renewable energy [MJ]:

Non-renewable energy [MJ]:

If calculation has been made in Green Guide, enter which rating:

If there is environmental product declaration or other life cycle assessment, describe how the environmental impact of the article is taken into account from a life cycle perspective:

Country of final manufacture: Denmark

Transport: <99% truck, deliveries to the customer/branch, <1% electric forklift.

Climate impact from internal transports: CO₂ 0,0025 kg, CH₄ <0,0001 kg and N₂O <0,0001 kg.

For information about raw materials, distribution, waste etc., see the other sections.

6. DISTRIBUTION

Distribution of finished article

Does the supplier use Retursystem Byggpall?

Yes

Does the supplier apply any system with multiple-use packaging for the article?

No

Does the supplier take back packaging for the article?

No

Is the supplier affiliated to a system for product responsibility for packaging?

Yes

If yes, which packaging and which system?

Förpacknings & Tidningsinsamlingen

Other information:

If possible products are packed together. The packaging materials include wood, cardboard, and plastic wrap. Wooden pallets are being reused. All packaging consists of recyclable material, the cardboard Lindab uses for packaging consist of 97,5% recycled material. Shipments of manufactured goods are mainly transported by truck to the customer/branch. The average transporting distance is <500 km.

7. CONSTRUCTION PHASE

Construction phase

Does the article make special requirements in storage?

Yes

Specify

To prevent soiling and oxidation, the product should be stored protected from the weather. See Lindab's product catalogue for more information.

Does the article make special requirements for surrounding building products?

No

Specify

Other information:

8. USE PHASE

Use phase

Does the article make requirements for input materials for operation and maintenance?

No

Specify:

Does the article require supply of energy during operation?

Not applicable

Specify:

Estimated technical service life for the article:

25 years

Comment:

Lifetime depends on the environment where the product is being used. Corrosive environments can affect the life of the product negatively. There is a special instruction for the care of this product, see Lindab's product catalogue for more information.

Is there energy labelling under the Energy Labelling Directive (2010/30/EU) for the article?

If yes, enter labelling (G to A, A+, A++, A+++):

Not applicable

Other information:

9. DEMOLITION

Demolition

Is the article prepared for disassembly (dismantling)?

Yes

Specify:

The parts can be separated.

Does the article require special measures for protection of health and environment in demolition/disassembly?

No

Specify:

Other information:

10. WASTE MANAGEMENT

Delivered article

Is the supplied article covered by the Ordinance (2014:1075) on producer responsibility for electrical and electronic products when it becomes waste?

No

Is reuse possible for the whole or parts of the article when it becomes waste?

Yes

Specify:

The entire product can be reused.

Is material recovery possible for the whole or parts of the article when it becomes waste?

Yes

Specify:

Metal and plastic can be recycled.

Is energy recovery possible for the whole or parts of the article when it becomes waste?

Yes

Specify:

Heat recovery occurs at smelter.

Does the supplier have restrictions and recommendation for re-use, material or energy recovery or landfilling?

Yes

Specify:

Should be recycled according to recommended waste code.

Waste code for the delivered article when it becomes waste

170203 - 03 Plast.

170405 - 05 Järn och stål.

200136 - 36 Annan kasserad elektrisk och elektronisk utrustning än den som anges i 20 01 21, 20 01 23 och 20 01 35.

When the supplied article becomes waste, is it classified as hazardous waste?

No

Mounted article

Is the mounted article classified as hazardous waste?

No

Other information

11. INDOOR ENVIRONMENT

Indoor environment

- The article is not intended for indoor use
- The article does not produce any emissions
- Emissions from the article not measured

Does the article have a critical moisture state?

No

If yes, state what:

Noise

Can the article give rise to own noise?

No

Value:

Unit:

Measuring method:

Electrical field

Can the article give rise to electrical fields?

No

Value:

Unit:

Measuring method:

Magnetic fields

Can the article give rise to magnetic fields?

No

Value:

Unit:

Measuring method:

Paints and varnishes

- The article is resistant to fungi and algae in use in wet areas

Emissions

The article produces the following emissions in intended use:

Other information