Sustainable Circular Economy for LIBERO Components

Process Information

Document release

	Created	Reviewed
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Signature		

Version history

Version	Date	Author	Description
1.0	09. April 2024	Emanuel Schäpper	First Version
1.1	19. June 2024	Stephanie Hirschfeld / Emanuel Schäpper	New Structure

Content

1.   Overview of country groups

Country group 1 = ELPRO can organize the return transport on its own as a service.

Country group 2 = Returning company organizes the return transport with support from ELPRO.

Country group 3 = Specific local clarifications and authorizations from returning company are required; ELPRO can provide supporting information.

Country Group 1	Country Group 2	Country Group 3
Austria	Albania	Bahrain
Belgium	Argentina	China
Canada	Armenia	Guadeloupe
Croatia	Australia	Hong Kong
Cyprus	Brazil	India
Czech Republic	Bulgaria	Sri Lanka
Denmark	Chile	Taiwan
Estonia	Colombia	Israel
Faroe Island	Costa Rica	New Zealand
Finland	Ecuador	Philippines
France	Guatemala	Puerto Rico
Germany	Honduras	Saudi Arabia
Greece	South Korea	South Africa
Hungary	Japan	United Arab Emirate
Iceland	Malaysia	Vietnam
Ireland	Mexico	
Italy	Morocco	
Latvia	Nicaragua	
Liechtenstein	Panama	
Lithuania	Peru	
Luxembourg	Uruguay	
Macedonia		
Malta		
Monaco		
Netherlands		
Norway		
Poland		
Portugal		
Puerto Rico		
Romania		
Serbia		
Singapore		
Slovakia		
Slovenia		
Spain		
Sweden		
Switzerland		
Thailand		
Turkey		
United Kingdom		
USA		

2. Sustainable circular economy for LIBERO components

2.1. Goals

Thank you for participating in the ELPRO initiative "Sustainable Circular Economy for LIBERO Components", which pursues the following goals:

- **Avoid waste of resources and strengthen the circular economy**
  Over 90 percent of all hardware components in our data loggers can be reused or recycled.

- **Exhaust life cycle**
  We use only A-grade components in our data loggers. These are typically designed to serve between ten and twenty years. In the ELPRO re-utilization process, these components are reprocessed and reused in a controlled manner.

- **Assure quality**
  Thanks to an ELPRO controlled re-utilization process, our high quality standards are guaranteed.

- **Ensure long-term availability**
  The global shortage of raw materials and components is a challenge. The reuse of high-quality parts and components is one solution to ensure availability.

2.2. How the re-utilization of LIBERO data loggers works

Collect the used LIBERO data loggers on site until you have reached the desired number of data loggers. Pack the collected data loggers securely and prepare the shipping documents. When doing so, please be sure to declare the data loggers as 'Returned Goods for Recycling' and not as 'Defective'. Send the data loggers to one of the ELPRO locations listed below.

ELPRO checks the LIBERO data loggers and components for possible re-utilization. They are then returned to ELPRO's material and production flow. All components that cannot be reused are handed over to an official recycling station on site.

Addresses to which you can return the used data loggers:

ELPRO-BUCHS AG Langaeulistrasse 45 9470 Buchs SG, Switzerland swiss@elpro.com T +41 81 552 08 08	ELPRO Messtechnik GmbH Hegelstrasse 46 73614 Schorndorf, Germany brd@elpro.com T +49 7181 48 20 60
ELPRO Services, Inc. 2335 State Route OH-821 Marietta, OH 45750, USA usa@elpro.com T +1 740 568 9900	ELPRO Pte. Ltd. 11 Bishan Street 21, #03-06, Robert Bosch Bldg Singapore 573943 asia@elpro.com T +65 6795 0809

3. Special initiative for returning LIBERO CS or CB data loggers

From a quantity of 500 LIBERO CS or CB single-use data loggers ELPRO will help you with the shipment and will pay the shipping costs.

In order to provide you with the best possible support, we ask you to proceed as follows:

1. Collect the used LIBERO single-use data loggers (LIBERO CB, CS) on site until you have reached the desired number of data loggers – minimum 500 pieces
2. Pack the LIBERO data loggers so that they are protected from moisture or extreme shocks.
3. Please send us the following information via this address swiss@elpro.com:
    a. Sender address incl. contact person, e-mail address and telephone number
    b. Number of data loggers
    c. Dimensions of the package
    d. Gross weight of the package
       (1 LIBERO CS/CB = 38 grams)
4. If possible, ELPRO will prepare the documents necessary for shipment and organize the pick-up at your site (please find in chapter 1 more detailed information on the possibilities per country).
5. Upon collection of the data loggers, hand over the documents to the carrier.

If ELPRO cannot arrange the return and the returning company organizes the transport itself and provides the usual export documents, please be sure to declare the data loggers as "Returned Goods for Recycling" and not as "Defective".

3.1. Return transport from countries belonging to country group 1

For countries belonging to country group 1 (see chapter 1), ELPRO can organize the return transport on its own as a service (from a quantity of 500 units). In order to announce a requested return shipment from these countries, please notify ELPRO at swiss@elpro.com.

3.2.   Return transport from countries belonging to country group 2

In certain countries in Latin America and some other regions (country group 2, see chapter 2), ELPRO is by law not allowed to locally organize the return transport as a service. However, if the returning company organizes the transport and provides the usual export documents by its own, ELPRO is happy to take over the courier fee to transport the LIBEROs to an ELPRO office as per our advice, upon a mutual cost agreement and by means of a forward-billing after the LIBERO return. As a guideline, the courier fee shall be less than CHF / EUR / USD 0.35 in average per LIBERO. For return shipments of the following countries, please also contact us at swiss@elpro.com in order arrange together the necessary procedures.

3.3.   Return transport from countries belonging to country group 3

For countries belonging to country group 3 (see chapter 1), a return of data loggers is unfortunately uncertain because in some cases specific export licenses and authorizations may be necessary and DGR (Dangerous Good Regulations) might need to be respected. Therefore, these cases and the respective options to return loggers have to be evaluated on an individual basis by the returning company. Usually the local company needs to clarify the possibilities and requirements with local customs authorities. Therefore, for return shipments of the following countries, ELPRO kindly asks you to conduct the above mentioned clarifications and then to inform us on the proceedings at swiss@elpro.com.
Also for these cases, ELPRO is happy to accept a forward-billing of the courier fee for the return transport of the LIBEROs to an ELPRO office as per our advice and upon a mutual cost agreement. As a guideline, the courier fee shall be less than CHF / EUR / USD 0.35 in average per LIBERO.

4.   General remarks and responsibilities

Please also mind that for all above cases, the sender is responsible for the content of the shipment and liable for compliance with the goods declaration for the return transport.

It is also in the responsibility of the sender to take care for an appropriate, transport-safe packaging for the LIBERO return shipment.