



## Environmental Product Declaration

<b>Product</b>	Type of equipment / Product No.	SKD329.51	Hydraulic Actuator, Type SKD	
	Product line	Valves and Actuators		
<b>Process control</b>	Infrastructure & Cities Sector Building Technologies Division Gubelstrasse 22 CH-6301 Zug			
	Management System	since	by	
	ISO 14001 (Environment)	01.09.2002	SEMKO-DEKRA	
	ISO 9001 (Quality)	01.09.2002	SEMKO-DEKRA	
<b>Product use</b>	Typical energy consumption	12kWh/a		
	Maintenance	Maintenance free		
<b>Risk of fire</b>	Fire protection according to	EN 60730-1		
	Fire load	27MJ		
<b>Packaging</b>	20-PAP Corrugated fiber board	Folded Box	166g	
	22-PAP paper	Printed Paper	13g	
	Notes on disposal	recyclable		
<b>Materials</b>	Total weight of device			3'658g
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.			
<b>Plastics</b>	ABS			6g
	Flour Rubber FPM			12g
	NBR			3g
	PA			61g
	PBT			27g
	ABS+PC			309g
	POM			44g
	<b>Metals</b>	Al		
	Al alloy			939g
	Cu			98g
	Cu alloy			7g
	Steel			957g
	Steel <=5% alloyed			676g
	Steel >5% alloyed			55g
<b>Others</b>	Mineral oil	Hydraulic Fluid	262g	
	Housing: PA6, Spring: steel, Insert: brass, Screw: steel	Terminal	13g	
		Microswitch	2g	
	Wire: copper, Insulation :ETFE	Cable / Wire	9g	
<b>Disposal</b>	The device is classified as waste electronic equipment in terms of the European Directive 2002/96/EC (WEEE) and must not be disposed of as unsorted municipal waste. The relevant national legal rules are to be adhered too. Regarding disposal, use the systems setup for collecting electronic waste. Observe all local and applicable laws.			
<b>Comments</b>				

## EU-directive 2002/95/EC (RoHS)

The device is free from substances banned by the EU-Directive 2002/95/EC (RoHS) - allowing for the exemptions acc. to Decision 2010/571/EU:

Pb, Hg, Cr6+, PBB, PBDE: <0.1% by weight in homogeneous materials

Cd: <0.01% by weight in homogeneous materials

## Regulation (EC) No. 1907/2006 (REACH)

To the best of our knowledge and according to the information of our suppliers the above mentioned device and its packaging contain no substances of the candidate list according to Article 59 (1, 10) of the regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) in concentrations above 0.1 % w/w.

Status according to the creation date of this document.

The device is halogen-free with exception of:

Cables; Insulation tubing

## Environmental benefits

The actuator reduces consumption of energy due to switch off in end position.

### Legal Disclaimer: This declaration is for information purpose only.

This Environmental Product Declaration does not constitute a guarantee of the composition of a product, neither does it guarantee that the product will retain a particular composition for a particular period.

Infrastructure & Cities Sector therefore does not assume liability for any error or for any consequences which may arise from the use of this information to the maximum extent under the law.

Please contact your local Siemens branch office to get further information on environmental aspects and disposal.