

ENVIRONMENTAL DECLARATION

General

Product / product group: Short Stroke Linear Zone Valve
 Type designation: VZ*08*, VZ*19*
 Manufacturer: Schneider-Electric



Manufacturer information

Quality Management System established yes no
 System complying with: Certified by ISO 9001 Other system
 Environmental Policy established yes no
 Company affiliated to ICC Business Charter yes no
 Company is registered at EMAS yes no
 Environmental Management System established yes no
 System complying with: Certified by ISO 14001 Other system
 Company working with life cycle analysis (LCA) yes no
 Other information about internal environmental work:

Product information

Criteria for environmental labelling is not available at present

Recommended application outlined in technical documentation yes no
 Product has clear and durable marking;
 (type designation, manufacturer, etc) yes no
 The branding refers to technical documentation so that the
 product can be clearly identified yes no
 Other branding or certificate (CE, UL, etc): Schneider-Electric Branded

1. Constituent material (approximate values)

Substance	Weight (g)									Recycl-able Material	Energy-recycling material Incineration	For deposition (Landfill without environmental risk)
	Two way			Three way			Three way with bypass					
	1/2	3/4	3/4 High flow	1/2	3/4	3/4 High flow	1/2	3/4	3/4 High flow			
Total Weight	118	140	300	126	159	400	191	230	480	-	-	100%
Plastic PPS	21,5	21,5	45	21,5	21,5	53,5	21,5	21,5	53,5	100%	-	100%
Stainless steel	14	14	15	14	14	15	14	14	15	100%	-	100%
Brass	82	104	238,5	90	123	330	155	194	410	100%	-	100%
EPDM	0,5	0,5	1,5	0,5	0,5	1,5	0,5	0,5	1,5	-	-	100%
Others (notably PE)	<0,01	<0,01	<0,01	<0,01	<0,01	<0,01	<0,01	<0,01	<0,01	-	100%	100%

Comments: The product is not made for user dismantling
 Component parts are not clearly identifiable as to the constituent material used in construction

Manufacturer demanding Environmental Declarations or equivalent from all suppliers yes no

Manufacturer demanding Product Information Sheets according to ISO110141 from suppliers of chemicals yes no

The product contains > 0,2 percent by weight of substances listed in; The Swedish Chemicals Inspectorate – Kemi Restricted substances database and/or Priority Guide PRIO (former Observation list) yes no

Substances contents of product according to above section: (approximate values)

Substance	CAS-number	Share of complete product
Cu - copper	7440-50-8	50% max
Zn – Zinc (NZ types only)	7440-66-6	40% max
Pb - Lead	7439-98-7	10% max
TBBP A - Tetrabromobisphenol A	79-94-7	0%
Ni - Nickel	7440-02-0	0.01%

Comments: Zinc, lead and copper used in brass alloys; nickel used in stainless steel.

Related Environmental Standards / Conformity

The Product conforms according to the RoHS directive yes no

The Product is registered in accordance to the REACH directive yes no

Comment: The liberation of relevant constituent materials for this product fall outside of the requirements to be registered in accordance to the REACH regulation

2. Manufacturing

The production unit requires permission or notification in accordance with the Swedish Environment Protection Law yes no

An annual environmental report is sent to the Swedish authorities in accordance with the Swedish Environment Protection Law yes no

A company environmental report can be supplied on request yes no

Information concerning energy use and emissions to air, water and soil from the production unit can be supplied on request yes no

3. Distribution of finished product

Manufacturing location: Italy EU
 Method of transportation: By Truck to Central European Distribution centre, near Stockholm, Sweden...
 Material in packing: Corrugated Cardboard...

Company affiliated to REPA Register in Sweden (5561248500) yes no

Company practicing a system for re-usable packing yes no

Company accepting returned packing yes no

4. Installation, Mounting

Documented instructions for mounting and installation of the product are available yes no

There is requirements and recommendations in documentation about:

- safety measures when handling and mounting the product yes no

- handling of the product at working site yes no

The product does not require any special safety measures when handling and mounting.

5. Operative stage

Product requiring energy contribution at intended use yes no

Product requiring chemical products in operation and normal maintenance yes no

If "yes", define which type of chemical products

Product emitting environmental load to air/water (external environment) during its intended use yes no

Instructions for normal operation and maintenance of the product documented and available yes no

Estimated lifetime of the product, providing that operation and maintenance are in accordance to the manufacturer's instruction 10 years

6. Demolition / Dismantling

Product prepared for environmental recycling yes no

No special safety procedures needed for demolition.

7. Disposal

Do not dispose of this actuator in unsorted municipal waste; this particularly applies to the electronic circuit board.

Further, local legislation may dictate special ecological treatment for components made from or comprising of specific materials.

Observe all local and applicable laws

8. Product Image



Legal disclaimer: This declaration is for information purposes 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.

Schneider Electric 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.