



Environmental Product Declaration

Product

Device type	FDUD291
Designation	Detector exchanger
Product range	FD 20

Process control

Siemens Switzerland Ltd
 Building Technologies Group
 Fire Safety & Security Products
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Management system certified	since	by
ISO 14001 (environment)	6.12.2002	Gerling Cert
ISO 9001 (quality)	6.11.1989	SQS/VdS

Environmentally compatible product design

The device was developed in accordance to the Siemens standard SN36350 'Environmentally compatible products'. This standard describes guidelines for the design of environmentally compatible products, and their integration into the product planning and development process. The purpose is to achieve optimum environmental compatibility of products, taking account of all phases of the product lifecycle.

Product use

Typical annual energy consumption	not relevant
Maintenance	none
Environmental benefits	see notes on page 2

Environmental risk (fire)

Fire load	appr. 2.6 MJ
Parts containing halogens (result in corrosive smoke)	none

Packaging

20-PAP corrugated cardboard	Packing	133 g
Notes on disposal	Generic recycling is possible, see material identification	

Materials		total weight of device	482 g
Plastics	PA 6.6 GF15 darkgrey	test head assembled	171 g
	PVC grey	pin	36 g
	cevolite UP GF hardpaper yellow	pipe	84 g
Metals	spring steel	springholder, support spring	8 g
	stainless steel	diverse screws, washer	13 g
	Steel, zinc coated black	shaft coupling	149 g
	aluminium AlMg	case	20 g
Diverse	polyester	nameplate	1 g

"The total weight of a device may deviate from the total of the weights of all its individual components due to rounding."

Disposal

Do not dispose the devices as part of unsorted municipal waste. Additionally, the law may mandate special treatment for specific components or special treatment may be ecologically sensible.

Observe all local and applicable laws.

Notes:

Accessories:

		total weight	fire load
Telescope rod FDUM291	UP-GF, yellow, PA6.6 20% GF	1160 g	30 MJ
Telescope rod FDUM292	UP-GF, yellow, PA6.6 20% GF	3400 g	88 MJ

Environmental benefits:

- Easily removable. Disassembling is possible without any important effects regarding waste disposal.

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.

Siemens Switzerland Ltd. 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.

If you require further information on environmental aspects and disposal, contact your local Siemens branch office.