Mueller SYSTEMS

Where Intelligence Meets Infrastructure™

Environmental Data

Solid State Meter (SSM)

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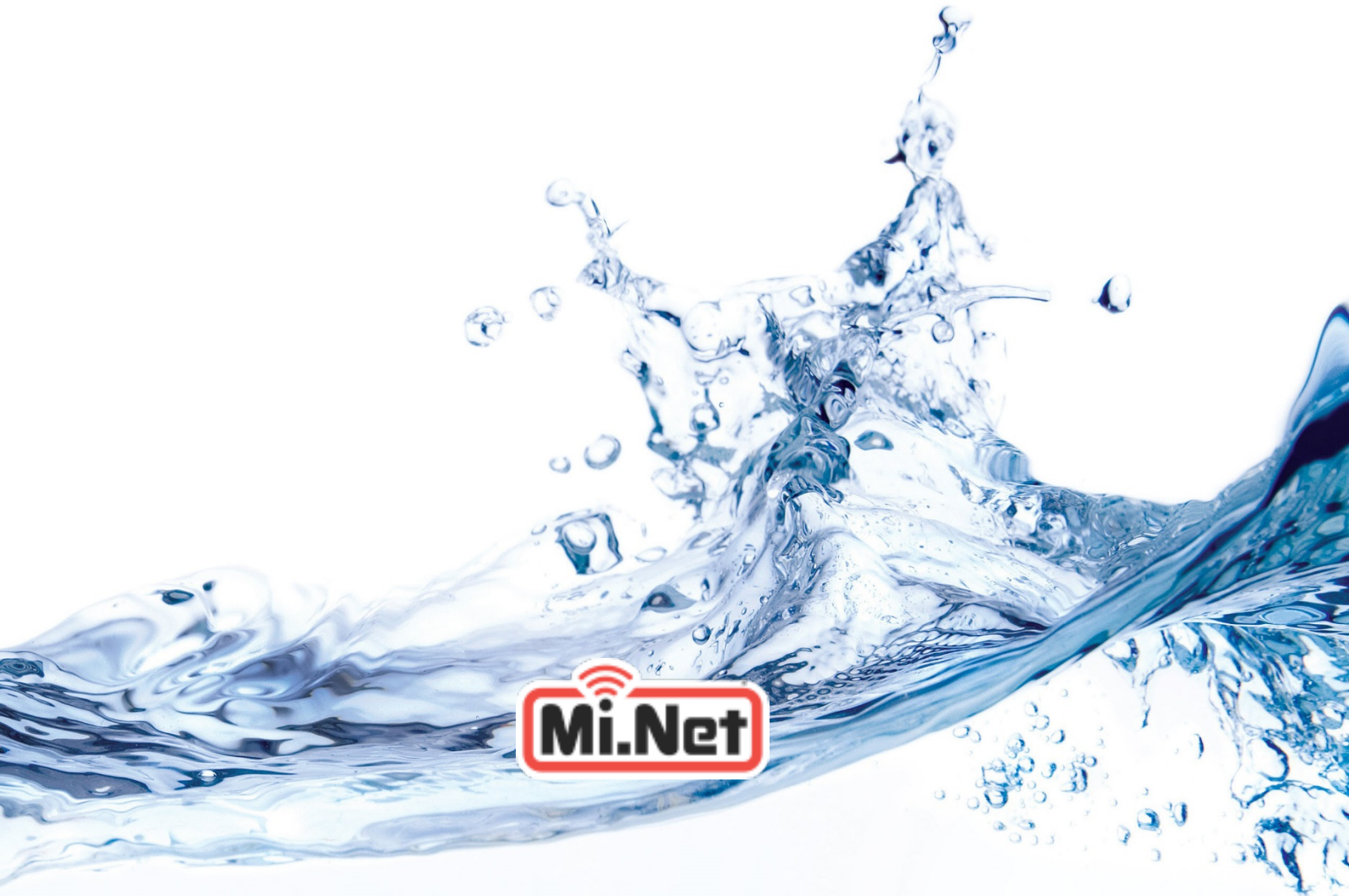

Contents

Introduction

Mueller Systems offers innovative, high-performance solutions for the responsible management of natural resources and energy.

Specialized in the design and manufacture of water-meters, Mueller Systems has also been a pioneer in radio reading.

An environmentally oriented corporate management is part of our policy with the aim of achieving both economic and environmental goals for the benefit of our company and the environment.

Our environmental policy is based on the Mueller Systems "Guidelines for the Environmental Policy."

- During product development, we evaluate the potential environmental impacts during the production and use of our products, based on the entire product life cycle. This includes designing our products and solutions to be as energy-efficient as possible and safely disposed of after use.
- Through the ongoing development of our products and solutions, we make a significant contribution to the sustainable use of natural resources and energy.
- Our process control stresses minimization of energy consumption, emissions, wastewater, waste disposal, and materials, and applies environmentally compatible production processes.
- We strive to make our supply chain as sustainable as possible by favoring environmentally oriented partners.
- Environmental protection is firmly anchored in the company's continuous improvement process. Specific objectives and goal attainment is planned and regularly monitored.

Manufacture

The SSM is manufactured in Europe at sites certified ISO 9001 and ISO 14001.

1	**Thermoplastics**	**Σ = 7.34 oz. (208 g)**
1.1	PBT+ASA/ASA/PP/PA12	5.33 oz. (151 g)
1.2	PPO GF*	1.62 oz. (46 g)
1.3	PES	0.11 oz. (3 g)
1.4	PES GF*/PPS GF*	0.28 oz. (8 g)
2	**EPDM**	**Σ = 0.035 oz. (1 g)**
3	**Stainless steel**	**Σ = 0.07 oz. (2 g)**
4	**Brass**	**Σ = 9.35 oz. – 17.64 oz. (265 g-500 g)**
5	**Potted transducer**	**Σ = 0.21 oz. (6 g)**
5.1	Stainless steel	0.035 oz. (1 g)
5.2	PU	0.035 oz. (1 g)
5.3	PZT (piezo ceramic)	0.035 oz. (1 g)
5.4	PES GF*/PPS GF*	0.106 oz. (3 g)
6	**Cable/Wires**	**Σ = 0.035 oz. – 1.376 oz. (1 g – 39 g)**
7	**Potted electronics**	**Σ = 6.91 oz. – 8.29 oz. (196 g – 235 g)**
7.1	PC	.99 oz. (28 g)
7.2	PU-resin	3.63 oz. – 4.20 oz. (103 g - 119 g)
7.3	Printed circuit board with FR4	1.48 oz. (42 g)
7.4	Lithium-thionyl chloride battery (Li-SOCl2 primary cell)	0.81 oz. – 1.62 oz. (23 g - 46 g)
8	**Paper, wood pulp**	**Σ = 5.33 oz. (151 g)**
8.1	Packaging	4.41 oz. (125 g)
8.2	Product description	0.92 oz. (26 g)

*Glass-fiber reinforced

Use

No consumables are necessary to use SSM and it requires no special care or maintenance under normal conditions of use.

End of life

The SSM end-of-life sheet is available on request. The packaging complies with directives 2004/12/EC and 94/62/EC and is 100% recyclable.