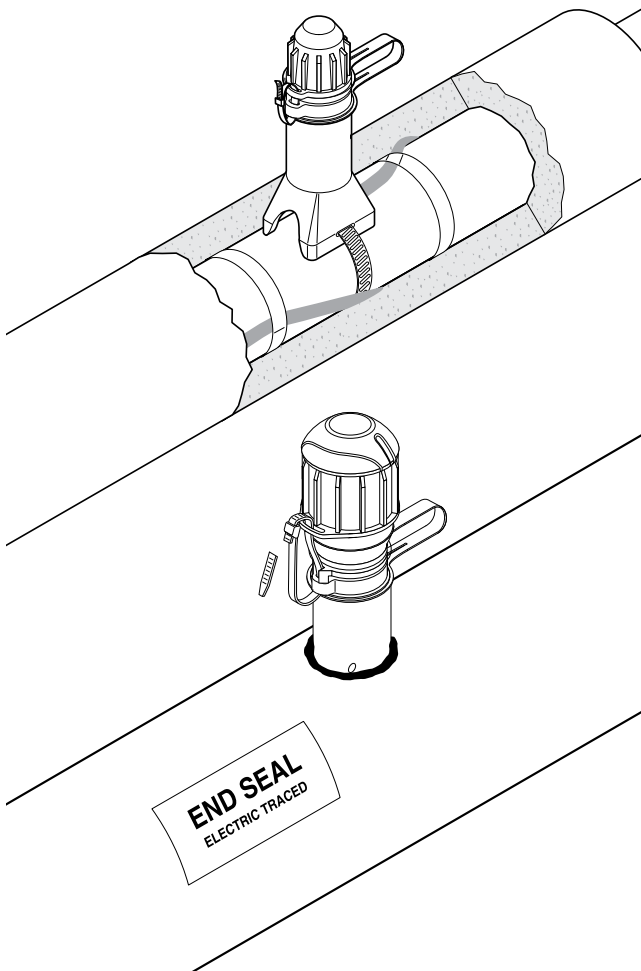




SANTO FAST-100-E AND FAST-100-L-E

END SEAL AND LIGHTED END SEAL



Both the FAST-100-E and FAST-100-L-E are accessible, re-entrable end seals, the E-100 without a light, the FAST-100-L with a signal light. Both end seals can be used with all Santo UFA, UFB, UFC, UFO ,ACC or AFF industrial parallel heating cables. They are approved for use in hazardous areas. They are extremely rugged - made of a strong, moulded part with 4 mm wall thickness.

The heating cable is firmly kept in place by the integral strain relief.

Sealing is done twice. First a dry compartment for the heating cable is created, then a boot filled with a non-curing sealant (silicone free) is placed over the end of the heating cable inside the compartment.

The end seals are mounted on the pipe and project through the cladding.

The light module of the FAST-100-L-E uses an array of super-bright green LEDs for long life and excellent visibility from almost any angle. The robust industrial-grade electronics are encapsulated to reliably seal out moisture.

Extra sealant filled boots for the FAST-100-E end seal can be ordered separately.

KIT CONTENTS

FAST-100-E

- 1 end seal
- 1 cable tie
- 1 polywater sachet
- 1 installation instruction

FAST-100-L-E

- 1 end seal with indicator light
- 1 cable tie
- 1 polywater sachet
- 2 insulated parallel crimps
- 1 core sealer
- 1 installation instruction

APPROVAL DATA

Area of use Hazardous or ordinary (indoors and outdoors)

APPROVALS

FAST-100-E

FAST-100-L-E

EAC (Russia, Kazakhstan, Belarus)
For other countries contact your local Santo representative.

PRODUCT SPECIFICATIONS

FAST-100-E

FAST-100-L-E

Max. pipe temperature	Refer to heating cable specification (absolute maximum is 260°C)	
Max. operating voltage	254 V*	254 V
	*Extra conditions for safe use apply for voltages above 254V. Please refer to the certificate or installation instructions for full details.	
Ambient temperature range	-50°C to +40°C*	-50°C to +40°C
	*Extra conditions for safe use apply for ambient temperatures above +40°C.	
Min. installation temperature	-50°C	-50°C
Overall height	171 mm approx.	197 mm approx.
Outer diameter	46 mm approx.	66 mm approx.
	Usable with up to 100 mm thermal insulation	
Ingress protection	IP65	IP65
Impact resistance	EN 60079-30-1, ≥ 7 joules	EN 60079-30-1, ≥ 7 joules
UV stability	No degradation after > 1000 h	No degradation after > 1000 h
Solvent resistance	Excellent	Excellent
Strain relief	> 250 N	> 250 N

LIGHT SOURCE

Type	Green LEDs
Voltage rating range	110-254 Vac, 50/60 Hz
Power consumption	< 2 W
Electromagnetic immunity/emissions	Complies with IEC61000-6 and IEC61000-4

INSTALLATION DATA

Tools required	Cable knife, wire cutters, screwdriver	Cable knife, wire cutters, screwdriver, crimp tool , long nose pliers
----------------	--	---

FAST-100-E AND FAST-100-L-E

ORDERING DETAILS

End seal

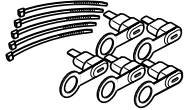
Part description	FAST-100-E	FAST-100-L-E
PN (Weight)	2000-M48 (0.22 kg) Requires one pipe strap (not supplied)	2000-M49 (0.63 kg) Requires one pipe strap (not supplied)

ACCESSORIES

Small pipe adaptor	MFS- SPA, required for pipes \leq 1" (DN 25), E 90515-000 (bag of 5 adaptors)
--------------------	---

SPARE PART

Boot pack for FAST-100-E



Part description	FAST-100-BOOT-5-PACK
PN (Weight)	2000-M50 (140 g)
Pack size	5 sealant filled boots and 5 cable ties

Replacement indicator light for FAST-100-L

Part description:	FAST-100-LR-E
PN	2000-M51