



LE3, Stabex HF

AlgoRex
Synova™
Sinteso™

Test lamps

- **LE3 Test lamp**

- The LE3 test lamp is used for testing the operation of all flame detectors. It is supplied with all the necessary accessories in a suitable carrying case. The carrying case also provides a means of storing the test lamp free of dust.
- To aim the test lamp the built-in quartz halogen lamp generates a continuous beam of light which is then modulated to trigger alarm in the detector being tested. The light intensity can be adapted according to the distance at which the test takes place.
- Power is supplied by rechargeable battery. As light color depends on the charged condition of the battery it must be continuously charged in floating operation. A special charging unit is available for this purpose.

- **Stabex HF Test lamp**

- The Stabex HF test lamp is used to carry out a performance check on intrinsically safe flame detectors in explosion-hazard areas in zones 1 and 2.
- To make the check, the lamp is held in front of the detector. The beam of light must be modulated at a half-second pulse using the sliding switch.

Technical data

Test lamps	LE3	Stabex HF
		
	Forbidden in explosion-hazard areas!	Open the lamp only in <u>non</u> explosion-hazard areas!
Power consumption	50 W	–
Modulation frequency	4 Hz	–
Max. distance for alarm triggering	10 m	a few cm
Measuring capacity with fully charged battery and at max. distance		
– Number of detectors	~ 50	–
Operating and storage temperature	-20... + 45 °C	-20... + 40 °C
Explosion protection	–	II 2 G EEx ib e IIC T4
Ex Approvals	–	PTB 98 ATEX 2062
Application range	non explosion-hazard area	zones 1 and 2
Protection category	–	IP65
Incandescent lamp	Halogen 12 V / 50 W	Halogen 2.8 V / 0.5 A
Battery	12 V / 7 Ah, lead, gas-tight	2 x Alkali battery 1.5 V single-cell UM-1
Charging time	min. 16 h	–
Mains supply for charging unit	220 / 240 VAC, 50... 60 Hz	–

Details for ordering

	Type	Part no	Designation	Weight
Spare part	LE3	BPZ:3669510001	Test lamp for flame detectors (incl. carrying case and charger, without battery)	5.260 kg
	FA2003-A1	A5Q00019353	Battery 12 V / 7 Ah / VDS	2.293 kg
	–	BPZ:3679630001	Halogen lamp 12 V / 50 W	0.395 kg
	Stabex HF	BPZ:4620910001	Test lamp for explosion-hazard area	0.175 kg