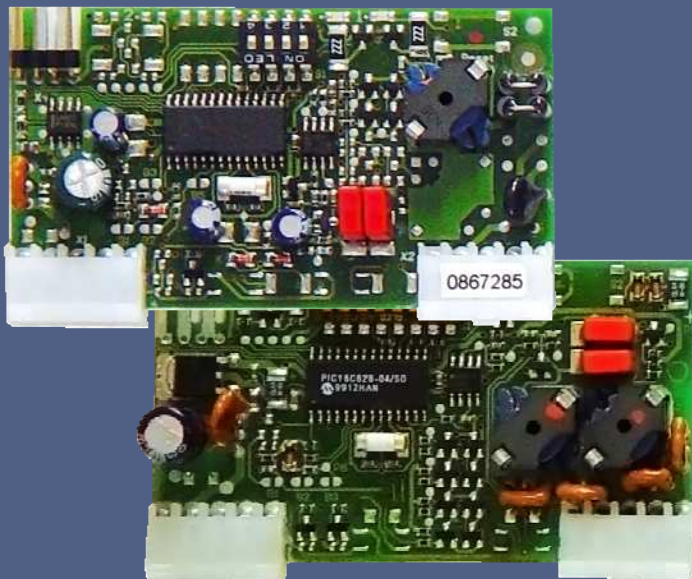


TST SVEK1-1 / TST SVEK2-1 Loop detector modules (1-channel / 2-channel)



FEATURES

- Plug-in modules for TST FUE and TST FU3E
- Isolation transformer between loop and detector electronics
- Automatic calibration when switching on
- Connection via edge connectors
- Adjustment possibilities via DIP switches
- Unlimited holding time adjustable
- Open collector output





TECHNICAL DATA

Dimensions (W x D x H)	80 x 45 x 17 mm without plug
Power supply	24V _{DC} +/-20%
Power consumption	max. 2,0 W
Temperature range	-20°C up to 70°C
Humidity	<95%, not condensing
Loop inductivity	20-800 µH (recommended: 75-400 µH)
Operating frequency	30-130 kHz
Sensitivity range	0,01% - 0,27% (df/f) 0,02% - 0,54% (dL/L)
Loop lead-in	max. 100 m
Outputs	Open Collector
Rise time	50 ms / 100 ms (SVEK1/SVEK2)
Fall time	25 ms / 50 ms (SVEK1/SVEK2)
Min. output time	200 ms
Connection	2x MOLEX edge connector, Series 3215, 2x 5-pin

ORDER DESCRIPTIONS

TST SVEK1-1-D
1-channel induction loop detector module for TST FUE and TST FU3E

TST SVEK2-1-D
2-channel induction loop detector module for TST FUE and TST FU3E

FUNCTION OF LEDs

LED green	LED red	Function
off	off	no power supply
flash	off	Detector calibrates
on	off	Detector operational, loop free
on	on	Detector operational, loop occupied
off	flash	Loop failure
pulse	on / off	Loop failure ended, Detector operational again

FEIG ELECTRONIC reserves the right to change specification without notice at any time.
Stand of information: January 2012.