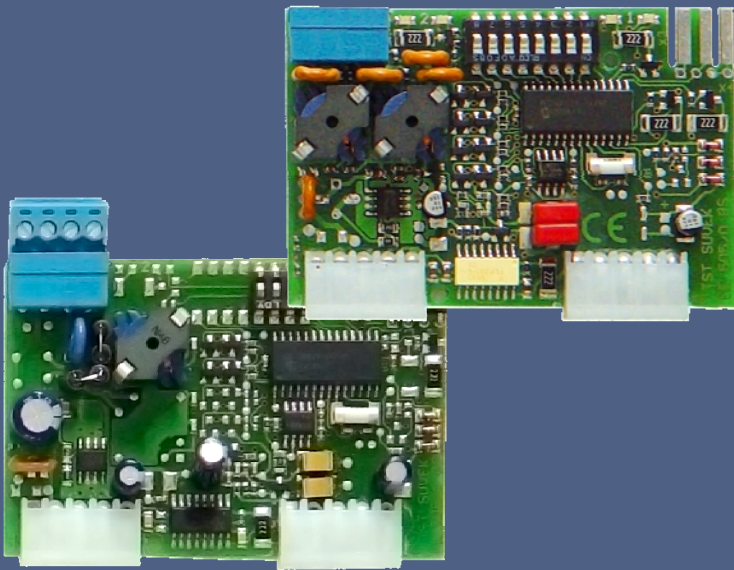


## TST SUVEK1-1 / TST SUVEK2-1 Loop detector modules (1-channel / 2-channel)



### FEATURES

- Plug-in modules for TST FUS, TST FUZ, TST FUF and all RELCON control units
- Isolation transformer between loop and detector electronics
- Automatic calibration when switching on
- Connection via edge connectors and plug-in terminals
- Adjustment possibilities via DIP switches
- Unlimited holding time adjustable
- Opto coupler





## TECHNICAL DATA

Dimensions (W x D x H)	73 x 50 x 18 mm without plug
Power supply	24V <sub>DC</sub> +/-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	Opto-coupler 45V / 10mA / 100mW
Rise time	50 ms / 100 ms (SUVEK1/SUVEK2)
Fall time	25 ms / 50 ms (SUVEK1/SUVEK2)
Min. output time	200 ms
Connection	2x MOLEX edge connector, Series 3215, 2x 5-pin; 1x plug clamp 4-pin, RM 3,81

## ORDER DESCRIPTIONS

**TST SUVEK1-1-D**  
1-channel induction loop detector module for TST FUS, TST FUZ, TST FUF and all RELCON control units

**TST SUVEK2-1-D**  
2-channel induction loop detector module for TST FUS, TST FUZ, TST FUF and all RELCON control units

## 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

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