



# TST-MV/V TRANSDUCER SIMULATOR OPERATING INSTRUCTIONS



## 1. GENERAL DESCRIPTION

The TST-MV/V simulates the output of any melt pressure transducer, (3.33 mV/V output), adjustment settings for various pressure levels when testing output for existing melt pressure transducers.

## 2. TECHNICAL DATA

Range of display with 3.33 mV/V	$\leq 0 - 105\%$
Range of display with 2 mV/V	$\leq 0 - 176\%$
Measuring bridge of the simulator	350 $\Omega$
Internal calibrating function	80% of the end value
Power supply	6 - 10 Vdc
Electrical connection	6P, 98, 8P

## 3. SETTING POSSIBILITIES

The sensitivity is selected via the DIP switch on the bottom side of the housing.



Setting for 3.33 mV/V



Setting for 2 mV/V

### MEASUREMENT AND CALIBRATION VIA THE LEVER SWITCH ON THE TOP SIDE OF THE HOUSING:

When the lever is switched to "0":  
The pressure value is 0 and the scale potentiometer is without function. Calibration of the evaluation unit can now be started.

When the lever is switched to "1":  
The scale potentiometer is now active.

### LOCKING A CERTAIN VALUE:

By turning the locking lever to the right at the scale potentiometer, adjustments to the scale potentiometer are blocked.