

## TST PE-B Electronic Position Detector (single-turn)



### FEATURES

- Optimized teaching-in of all limit switch positions
- Self-teaching limit switch corrections
- Speed-dependent limit switch corrections
- Travel and rotation direction control
- Positions taught in once are retained permanently
- Installation directly on the limit switch shaft
- Contact-free magnet technology
- Ready for operation even without external voltage





## TECHNICAL DATA

### TST PE-B

|                        |   |
|------------------------|---|
| Housing                | Plastic, black  |
| Dimensions (W x D x H) | 46 x 76 x 42 mm<br>(without plugs and connections)  |
| Position detection     | 360° (single-turn, rotatable)<br>- resolution min. 12 Bit (4.096 increments)<br>- contact-free, magnetic sampling |
| Power supply           | 10...26 V <0,5 Vrms ripple  |
| Inputs / outputs       | RS485 interface   |
| Connection             | via plug terminal block   |
| Installation           | - via flattened shaft 8mm<br>- screw M5   |
| Protection class       | IP 20   |
| Temperature range      | -20 °C up to 70 °C (operation)  |

### Standard conformity

|          |                     |
|----------|---------------------|
| Machines | EN 12453 / EN 12978 |
| Voltage  | EN 60335            |
| EMC      | EN 50081 / EN 50082 |

### Order description:

TST PE-B  
Electronic Position Detector

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