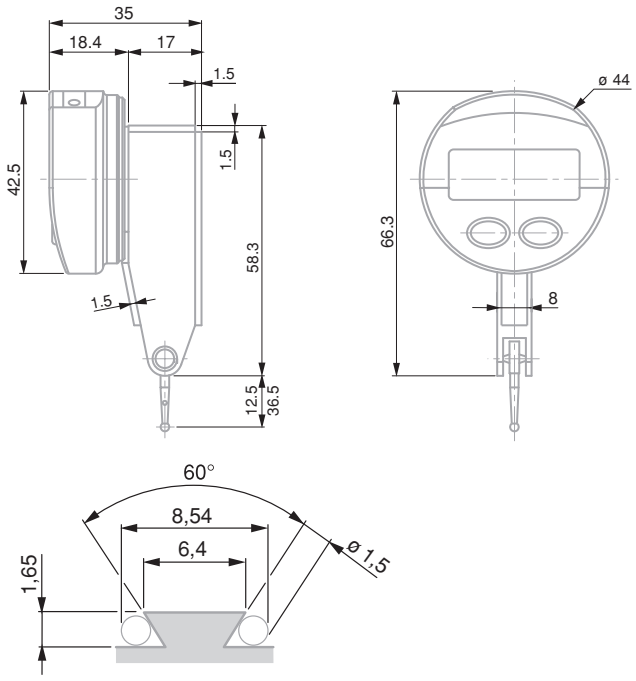
TESA IP65 Electronic Dial Test Indicators

Provides the advantages of a mechanical test indicator with a digital reading.



- Inductive patented measuring system.
- Analogue and digital indication.
- Digital step of 0,01/0,001 mm.
- Selectable scale division: 10, 20, 50 µm/1, 2, 5 µm.
- Cutting oils and liquid coolant resistant (IP65).
- Metric/inch conversion.
- RS232 data output combined with external power supply.
- Displayed measuring modes (NOR/MIN/MAX/MAX-MIN).
- Automatic shut-down.
- Compatible with all TESATAST accessories.



NO	mm	mm	in	N (± 15 %)	Stem length, mm
01830001	0,8	0,01/0,001	0.0005/0.00005	0,13	12,5
01830002	0,5	0,01/0,001	0.0005/0.00005	0,07	36,5
OPTIONAL ACCESSORIES:					
01961000	Lithium battery, 3V, CR2032				
04761060	RS 232 cable with external power supply				

Compatible with all TESATAST measuring inserts and accessories

- LCD, 5 digits + unit
- Display digit height 6 mm
- Max. perm. errors: f_e = 10 µm f_{ges} = 13 µm Pre-span = 0,05 mm
- Repeatability: f_w = 1 µm
- Hysteresis : f_u = 3 µm
- L = 12,5 mm; max. 0,05 m/s L = 36,5 mm; max. 0,15 m/s
- Number of measurements per second: 9
- Zero-setting
- RS232
- 3 V lithium battery, type CR2032
- Battery life > 4000 hours
- Operating temperature range: +5°C to + 40°C
- Degree of protection: IP65 (IEC 529)
- EN 61326-1
- 73 g (L = 12,5 mm) 75 g (L = 36,5 mm)
- Supplied in a plastic case with: 1 Insert with a 2 mm dia.(No. 01860202) 1 Wrench (No. 01860307) 1 Mounting rod 8 mm dia. (No. 01840105)