Data sheet DS/TBX5-EN Rev. E

TBX5

pH, Redox (ORP) sensors With diagnostics

The most durable pH/Redox (ORP) sensors in the world



Unique Next Step™ Solid State reference

- eliminates poisoning, pumping and plugging

Advantage™ Series with solution ground rod

- permits continuous sensor diagnostics

Comprehensive selection of measuring electrodes

- sensors designed to suit all application requirements

Combination style construction

measuring, reference and temperature elements, all in one compact body

Insertion, submersion, flow-through and hot-tap

- increases flexibility of installation

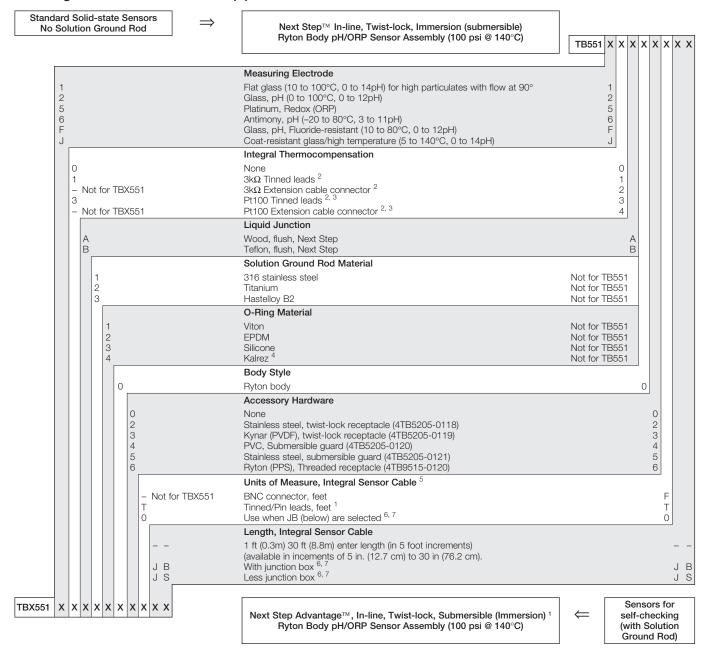
Operating temperatures up to 140°C (284°F)

— the highest glass temperature limit on the market

Operating pressures up to 21 bar (300 psi) and higher

- the highest pressure limit on the market

Ordering Information - Models TB(X)551



Notes.

- 1) For direct connection to TB82, TB84, 4630/35 and AX46 transmitters or other supplier devices, using terminal blocks.
- 2) Not available for Platinum, Redox (ORP), or Antimony, pH, electrodes (codes 5 & 6).
- 3) Not available for fluoride-resistant electrodes (code F). Compatible with TB82, TB84, 4630/35 and AX46 instruments.
- 4) Kalrez O-rings only for solution ground sleeve. External O-rings are Viton. External Kalrez O-ring kits available separately.
- 5) TB551 only. There are 2 options to connect to TB82 or TB84 transmitters:
 - Option 1 use BNC/TC to PIN adapter with conduit fitting or BNC/TC to PIN adapter. In either case temperature compensator code must be 2 or 4.
 - Option 2 select T in integral cable code, not designed for use with extension cables or junction box.
- 6) TB551: junction box mounted on sensor. Cable length approx. 102mm (4 in.). Requires extension cable.
- 7) TB(X)551: when selecting JB or JS, cable length is approx. 102mm (4 in.). Requires extension cable. If junction box is ordered separately and longer cable lengths are required, enter length under code for integral cable.