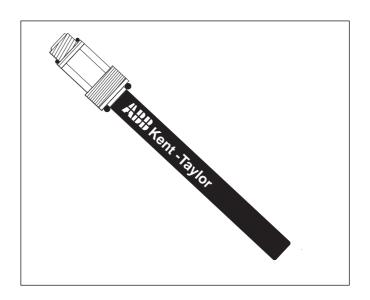
# **Epoxy Bodied Industrial Combination Redox Electrode**

- Fast and accurate measurement of Redox
- Robust epoxy body for high durability
- Screw fit for easy installation
- **Sealed gel reference for low maintenance**
- Detachable cable fitting for easy cable attachment



#### Thread

Industry standard PG13.5 thread fitting

#### **Dimensions**

Stem length below cap - 120mm
Stem diameter - 12mm
Cap length - 38.5mm
Cap diameter - 20mm

## **Reference Electrolyte**

Sealed gel type

# **Temperature Range**

0 to 100°C

### **Pressure Rating**

Up to 10 bar at 40°C

# **Applications**

General purpose epoxy bodied Industrial Combination Redox Electrode for use where robustness and ease of use are of prime importance. The platinum pin is recessed inside the epoxy tube for optimum protection, reducing breakages due to rough handling. Typical applications include Redox measurements in the oxidation of cyanide and chrome wastes, bleach manufacture, bleaching of pulp, reduction of chromate wastes, general water pollution and swimming pool applications.

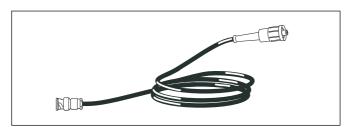
#### Electrode Range 1711-000 Detachable cable type

A range of detachable cables are available to suit these electrodes and your application. A variety of lengths can be supplied – fitted with a number of terminations – including DIN plugs, BNC plugs, Tags and others. See reverse for full details.

#### Note.

These electrodes are designed to be used vertically or at an insertion angle of no less than  $15^{\circ}$  from the horizontal. They cannot be used for upward insertion.





| PART NUMBER | TYPE               | pH METER TYPE   |
|-------------|--------------------|---|
| 140X-100    | DIN 19262 Plug     | German manufacturers such as Schott, WTW, Knick, Consort, Polymetron, Mettler and older Metrohm types         |
| 140X-200    | UK Coaxial         | EIL 7020, Some Pye Meters, some Philips meters  |
| 140X-210    | 3 to 4mm Pin       | Reference Pin Cable for ABB Kent-Taylor and other types.  |
| 140X-240    | 4mm Banana plug    | Reference cable for Metrohm, Philips and other European meters  |
| 140X-300    | Radiometer Coaxial | Modern Radiometer types, some Crison.   |
| 140X-400    | BNC                | Many types including ABB Kent-Taylor, Hanna, Aquadata, Jenco, Orion Solomat, Corning, Jenway and some Crison. |
| 140X-500    | Tags               | For industrial systems/Terminal blocks.   |
| 140X-510    | 2mm Pin            | Reference Cable for most US types.  |
| 140X-600    | Unterminated       | For customer termination (single wire)  |
| 140X-700    | U.S. Single Pin    | Some Orion, Beckman, Corning, Horiba.   |
| 140X-800    | U.S. + 2mm Pin     | Some Orion, Beckman, Corning, Horiba.   |
| 140X-900    | Sühner Plug        | Modern Metrohm meters and titrators.  |

## **Cable Selection**

In place of the 'X' shown in the part numbers above write the length of cable required in metres.

Lengths of 1,2,3,4,5,6,7 and 8 metres are available as standard, contact ABB Kent-Taylor if longer lengths are required.

#### **Example**

5 metre cable with tags – correct part number is 1405–500.

#### **Detachable Cable Industrial Electrodes**

| PART NUMBER | TERMINATION      | ELECTRODE TYPE   |
|-------------|------------------|--|
| 1710-000    | Detachable cable | Epoxy-bodied combination pH electrode                          |
| 1711-000    | Detachable cable | Epoxy-bodied combination Redox electrode                       |
| 1717-000    | Detachable cable | Epoxy-bodied combination flathead pH electrode                 |
| 1718-000    | Detachable cable | Epoxy-bodied combination flathead pH electrode – short version |

# Direct Fax Number for Orders - 01453 791741

For further information please contact your local distributor or our sales office at Stonehouse.

Prices valid until 31st December 1998



The Company's policy is one of continuous product improvement and the right is reserved to modify the information contained herein without notice.

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