

## 4.1 pH & Redox Industrial Probes

Part No.

PROBE pH 0-13 pH -5 to 100°C HT3 glass Glass Body Pinwick, Double Junction, SS Flared Cap, 10.0 m Co-axial Cable Pin Lug Connections.

**A41021851**

### SPECIFICATIONS

<b>pH range:</b>	0-13 pH
<b>Temperature range:</b>	-5° to 100° C
<b>Glass Membrane Type:</b>	HT-3, Low sodium ion error
<b>Reference:</b>	Silver / Silver Chloride (Ag/AgCl)
<b>Reference Junction:</b>	Precision low porosity ceramic
<b>Isopotential Point:</b>	pH 7
<b>Output per pH @ 25° C:</b>	Approx 59 millivolts
<b>Maximum Pressure:</b>	10 bar
<b>Wetted Materials:</b>	Glass, Ceramic
<b>Diameter:</b>	12mm
<b>Length:</b>	77mm

### APPLICATIONS:

- Water & Wastewater
- Industrial Trade Waste
- Cooling Towers



Suitable Housings: PA02031390, PA03021391, DGMA, PA02031880

Part No.

PROBE rH Peripheral Probe 3.5mm Platinum Band. 0-100°C HT3 glass Glass Body, Pinwick, Double Junction, SS Flared Cap, 10.0m Co-axial Cable, Pin Lug Connections.

**A42022002**

### SPECIFICATIONS

<b>ORP range:</b>	0±1000 mV
<b>Temperature range:</b>	-5° to 100° C
<b>Measurement half cell:</b>	Platinum Band
<b>Reference:</b>	Silver / Silver Chloride (Ag/AgCl)
<b>Reference Junction:</b>	Precision low porosity ceramic
<b>Maximum Pressure:</b>	10 bar
<b>Wetted Materials:</b>	Glass, Ceramic
<b>Diameter:</b>	12mm
<b>Length:</b>	77mm

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### Industrial Sensors for in-line or submersible applications

	Part No.
PROBE pH	S400-RT330-A33FF
PROBE pH with PT100	S400-RT33D-E33FF
PROBE rH ORP	S400-RTPB0-A33FF
PROBE pH for HF Acid	S400-RT530-A33FF

These high quality sensors are constructed of corrosion-resistant wetted materials including Ryton®, Teflon®, ceramic, glass, platinum, 10.0 m Co-axial Cable, Pin Lug Connections. Coaxial Porous Teflon® Reference Junction. The large annular junction resists fouling. Additionally, the sealed, double-junction reference electrode is highly resistant to poisoning.

#### SPECIFICATIONS

<b>pH range:</b>	0-14 pH
<b>ORP range:</b>	0±1000 mV
<b>Temperature range:</b>	0° to 105° C
<b>Reference:</b>	Silver / Silver Chloride (Ag/AgCl)
<b>Maximum Pressure:</b>	10 bar @ 100° C
<b>Wetted Materials pH:</b>	Ryton, PTFE or ceramic & glass
<b>Wetted Materials ORP:</b>	Ryton, PTFE or ceramic & platinum
<b>Body Diameter:</b>	29.2 mm
<b>Length:</b>	150 mm
<b>Width across flats:</b>	25.4 mm
<b>Thread:</b>	3/4" NPT - top & bottom

#### APPLICATIONS:

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	Part No.
Pipe Adaptor Bush ... 3/4" Female NPT to 25mm Male Solvent Weld	A27022797
Additional heavy duty PVC protection cap for S400 series	PA03022896

For **SUBMERSIBLE** applications See Page 4.5 for PA02032789 or PA02032790

