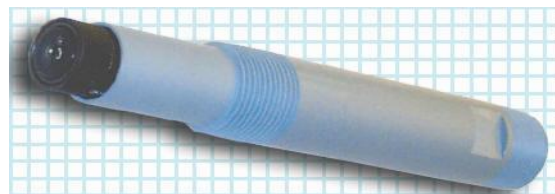


## HB546 pH Sensor (In-line or Submersible)

## Model Selection Guide

- Designed for insertion applications with 3/4" or larger NPT threaded process pipe.
  - Also suitable for submersible applications
- ATTENTION:**
- ☆ See last page for FAST DELIVERY OPTIONS! ☆



### Instructions

- Consult Steps to Selecting Appropriate pH/ORP Instrumentation and Cells before making selections below.
- Select the desired key number. The arrow to the right marks the selection available.
- Make one selection from each Table using the column below the proper arrow. A dot denotes unrestricted availability.

Key Number      I      II      III      IV

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KEY NUMBER	Description	Selection	Availability
	HB546 General Purpose 3/4" MNPT Threaded Inline & Submersible	HB546	↓

TABLE I - Material

Body Material	CPVC (100 psig max)	C _ _ _	• • •
	Polypropylene (100 psig max)	P _ _ _	
	Kynar	B _ _ _	
O-Ring Material	Viton	_ V _ _	• •
	EPDM	_ E _ _	
Reference Plug Material	Standard	_ _ S _	•
Measuring Electrode	Hemi Glass	_ _ _ R	d e m
	Flat Glass	_ _ _ F	
	Platinum ORP, Flat Solid Billet	_ _ _ X	

TABLE II - Sensor Options

Tip Configuration	Flush Teflon Junction	T _ _ _	• • •
	Recessed Teflon Junction	S _ _ _	
	Dual Notch Teflon Junction	D _ _ _	
Thermocompensation	None (ORP Only)	_ N _ _	f g k k
	Honeywell 8550 ohm	_ H _ _	
	PT100 RTD Capillary	_ C _ _	
	PT1000 RTD	_ K _ _	
Body Options	Standard	_ _ S _	•
Insertion Depth	Standard Configuration (0.5" Insertion Depth)	_ _ _ N	• •
	1.5"	_ _ _ 1	

**TABLE III - Cables & Leads**

		Selection	Availability
Cable Configuration	8" Pigtail for use with Junction Box ( <b>Note 1</b> )	T T __	h
	5' Cable - standard	0 5 __	•
	15' Cable	1 5 __	•
	30' Cable	3 0 __	•
Lead Terminations	All Tinned Leads for pH and TC	__ S T	•
	BNC for pH & Tinned Leads for TC	__ B T	•
	BNC for pH & 2 Pin Conn for TC (termination for use with extension cable)	__ B 2	•
	All Pin Lugs	__ P P	•
	Tinned ORP, No TC	__ T N	•
	BNC ORP, No TC	__ B N	•
	Pinned ORP Leads, No TC	__ P N	•

**TABLE IV - Future Use**

Future Use	0 __	•
Future Use	_ 0 _	•
Future Use	_ _ 0	•

**Note 1:** For new installations order extension cable and junction box from Accessory Table.

**RESTRICTIONS**

Restriction Letter							Available Only With		Not Available With	
d	e	f	g	h	k	m	Table	Selection	Table	Selection
■							II	S ____, D ____		
	■						II	T ____, D ____		
		■					III	_ _ T N, _ _ B N, _ _ P N		
			■						I	_ _ _ F
				■			III	_ _ B 2, _ _ B N		_ _ T N, _ _ B N, _ _ P N
					■				III	_ _ T N, _ _ B N, _ _ P N
						■	II	T N _ _		

**ACCESSORIES**

Description	Part Number
Hot Tap Assembly (max pressure = 300psig only when used with Kynar body sensor) 1-1/4" <b>316SS</b> , Viton O-Rings with ball valve 1-1/4" <b>316SS</b> , Kalrez O-Rings with ball valve <b>Note:</b> Only compatible with lead terminations ST, PP, TN, PN	50027419-001 50027419-002
CPVC Ball Valve Assembly  <b>Note:</b> Only compatible with lead terminations = PP, ST, TN, PN	50022247-001
Extension Cables - Only compatible with pH electrodes & lead terminations = B2 10' Connection to instrument is tinned lead 20' 50'	50027414-001 50027414-002 50027414-003
Junction Box	50057977-001

**ATTENTION:**

★ See last page for **FAST DELIVERY** options! ★

## HB SERIES pH Electrode: HB546

### HB546

- Threaded In-Line & Submersible
- ¾" MNPT top and bottom



Do you need a lead time under **2 weeks?**

If so, order any of the following:

HB546-PVSR-DKSN-15ST-000

HB546-PVSR-DKSN-15BT-000

HB546-PVSR-DKSN-15B2-000

HB546-PVSR-DKSN-15PP-000

HB546-PVSR-DHSN-15ST-000

HB546-PVSR-DHSN-15BT-000

HB546-PVSR-DHSN-15B2-000

HB546-PVSR-DHSN-15PP-000

HB546 sensors with POLYPROPYLENE body, VITON o-rings, HEMI glass, DUAL NOTCH TEFLON JUCTION, PT1000 RTD, 0.5" insertion depth, 15 foot cable.

All lead termination options are available.

HB546 sensors with POLYPROPYLENE body, VITON o-rings, HEMI glass, DUAL NOTCH TEFLON JUCTION, 8550 ohm thermocompensation, 0.5" insertion depth, 15 foot cable.

All lead termination options are available.