Honeywell

HB547 pH Sensor Use with Ball Valve Assemblies

Model Selection Guide



Instructions

- Consult <u>Steps to Selecting Appropriate pH/ORP Instrumentation and Cells</u> 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	Ш	ш	IV
	- [] -	「 ·	· [] ·	· []

Availability

KEYNUMBER	Selection	Availab	ιιι
Description			
HB547 Replacement Cartridge Valve Insertion (Note 1)	HB547	•	

TABLE I - Material

	CPVC	C	•
Body Material	Polypropylene	Ρ	•
	Kynar	B	•
O-Ring Material	Viton	_ V	•
O-Ring Material	EPDM	_E	•
Reference Plug Material	Standard	S_	•
	Hemi Glass	R	d
Measuring Electrode	Flat Glass	F	е
	Platinum ORP, Flat Solid Billet	X	m

TABLE II - Sensor Options

	Flush Teflon Junction	Τ	•
Tip Configuration	Recessed Teflon Junction	S	•
	Dual Notch Teflon Junction	D	•
	None (ORP Only)	_ N	f
Thermocompensation	Honeywell 8550 ohm	_H	g
mermocompensation	PT100 RTD Capillary	_ C	k
	PT1000 RTD	_K	k
Body Options	Standard	S_	•
Insertion Depth	Standard Configuration	N	•

51-52-16U-88 Issue 16 Page 2 of 3

			Availability
TABLE III - Cable & Leads		Selection	₩
	Pigtail for 16" Sheath Set and Junction Box (Note 2)	J2	h
	Pigtail for 20" Sheath Set and Junction Box (Note 2)	J3	h
Cable Configuration	Pigtail for 24" Sheath Set and Junction Box (Note 2)	J4	h
Cable Configuration	5' Cable - standard	05	•
	15' Cable	15	•
	30' Cable	30	•
	All Tinned Leads	ST	
	BNC & Tinned Leads	BT	•
	BNC & 2 Pin Conn for TC	B2	•
Less d T errorite etilen e	(termination for use with extension cable)		
Lead Terminations	All Pin Lugs	PP	•
	Tinned ORP, No TC	TN	•
	BNC ORP, No TC	BN	•
	Pinned ORP Leads, No TC	PN	•

TABLE IV - Future Use

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

Note 1: A Ball valve Assembly and fitting and sheath set is required from the Accessory Table for new installations **Note 2:** For new installations order extension cable and junction box from Accessory Table.

RESTRICTIONS

Restriction Letter								Available Only With		Ν	lot Available With
d	е	f	g	h	k	(m	Table	Selection	Table	Selection
								I	S, D		
	•							II	T, D		
		•						III	TN, BN, PN		
										I	F
										III	TN, BN, PN
								III	B2, BN		
					-					III	TN, BN, PN
						I		II	T N		

ACCESSORIES

Description		Part Number	
Ball Valve Assembly	Configurations:		
	embly 1-1/4" 316SS for Wrench-tite fittings	50027636-001	
\rightarrow Wrench-tite	e fitting 316SS	50027406-001	
	Clean-Cal-Purge fitting SS316	50027412-003	
 Ball valve asse 	embly 1-1/4" 316SS for Hand-tite fittings	50027636-003	
\rightarrow Hand-tite fi	· ·	50027418-001	
	Clean-Cal-Purge fitting SS316	50027412-001	
· · ·	: Optional part typically intended for 20" and 24" sheath sets	50027421-001	
Sheath Sets -	A sheath set is required for any HB547 sensor to fit through the		
16" Titanium	valve assembly/related hardware.	50027425-001	
20" Titanium		50027425-002	
24" Titanium		50027425-003	
Extension Cables -	Only compatible with pH electrodes & lead terminations = B2		
	Connection to instrument is tinned lead		
10'		50027414-001	
20'		50027414-002	
50'		50027414-003	
Junction Box		50057977-001	



ATTENTION:

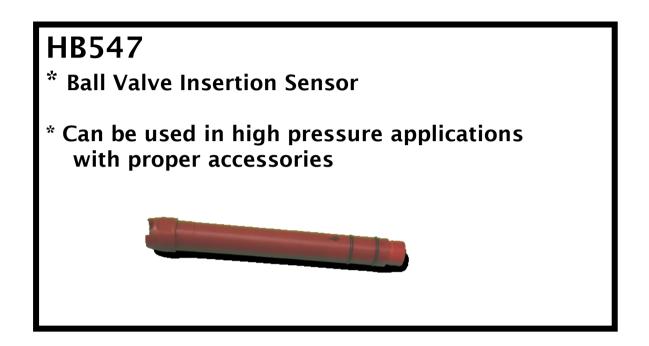
See last page for **FAST DELIVERY** options!



Honeywell

51-52-16U-88 Issue 16 Page 3 of 3

HB SERIES pH Electrode: HB547



Do you need a lead time under <u>2 weeks</u>?

If so, order any of the following:

HB547-BVSR-DKSN-30ST-000 HB547-BVSR-DKSN-30BT-000 HB547-BVSR-DKSN-30B2-000 HB547-BVSR-DKSN-30PP-000

HB551 sensors with KYNAR body, VITON o-rings, HEMI glass, DUAL NOTCH TEFLON JUCTION, PT1000 RTD, 30 foot cable. All lead termination options are available.