

HBD547 pH Sensor Durafet with Ball Valve Assemblies

Model Selection Guide

- Sensor used with ball valve assembly
 - Suitable for submersible applications
 - Ball valve assembly purchased as accessory
- ☆ **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
- ┌───┐ - ┌──┐ - ┌───┐ - ┌───┐ - ┌───┐

KEY NUMBER	Description	Selection	Availability
	HBD547 Replacement Cartridge Valve Insertion (Note 1)	HBD547	↓

TABLE I - Material

Body Material	Kynar	B _ _ _	•
O-Ring Material	Viton	_ V _ _	•
	EPDM	_ E _ _	•
Reference Plug Material	Standard	_ _ S _	•
Measuring Electrode	Durafet	_ _ _ D	•

TABLE II - Sensor Options

Tip Configuration	Flush Teflon Junction	T _ _ _	•
Temp Sensor	Honeywell 8550 ohm	_ H _ _	•
	PT100 RTD Capillary	_ C _ _	•
	PT1000 RTD	_ K _ _	•
Body Options	Standard	_ _ S _	•
Insertion Depth	Standard Configuration	_ _ _ N	•

TABLE III - Cable & Leads

Cable Configuration	Lead Terminations	Selection	Availability
Cable Configuration	Pigtail for 16" Sheath Set and Junction Box (Note 2)	J2 _ _	•
	Pigtail for 20" Sheath Set and Junction Box (Note 2)	J3 _ _	•
	Pigtail for 24" Sheath Set and Junction Box (Note 2)	J4 _ _	•
	20' Cable	2 0 _ _	•
	50' Cable	5 0 _ _	•
Lead Terminations	All Tinned Leads	_ _ S T	d
	Vario Pin Connector	_ _ V P	e

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	Table	Available Only With	Table	Not Available With
d e	III	20 _ _ , 50 _ _		
	III	J2 _ _ , J3 _ _ , J4 _ _		

ACCESSORIES

Description	Part Number
Ball Valve Assembly Configurations: <ul style="list-style-type: none"> • Ball valve assembly 1-1/4" 316SS for Wrench-tite fittings <ul style="list-style-type: none"> → Wrench-tite fitting 316SS → "Optional" Clean-Cal-Purge fitting SS316 	50027636-001 50027406-001 50027412-003
<ul style="list-style-type: none"> • Ball valve assembly 1-1/4" 316SS for Hand-tite fittings <ul style="list-style-type: none"> → Hand-tite fitting 316SS → "Optional" Clean-Cal-Purge fitting SS316 	50027636-003 50027418-001 50027412-001
Insertion Collar Stop: 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 valve assembly/related hardware. 16" Titanium 20" Titanium 24" Titanium	50027425-001 50027425-002 50027425-003
Extension Cables - Only compatible with pH electrodes & lead terminations = VP (Direct Connect to UDA2182) Connection to instrument is tinned lead 20' 50'	50001391-501 50001391-502
Extension Cables - Only compatible with pH electrodes & lead terminations = VP (Cap Adapter Cables) Connection to instrument is tinned lead 20' 50'	51453388-501 51453388-502
Junction Box	50072803-501

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