

pH Sensor Universal Union Mounting

The universal union mount kit is shipped complete with all the necessary parts to mount a digital or analog pH sensor. Although the hardware is supplied with a tee, the convertible style sensor may be mounted in any standard 1½-in. NPT pipe tee, weldolet, or pipe saddle.

1. Install the supplied 1½-in NPT pipe tee (or a weldolet, or pipe saddle if preferred) into the process line. Use hardware made of a material that provides a suitable maximum pressure/temperature rating for the application.
2. Install the appropriate union adapter for the digital or analog sensor using suitable thread sealant (i.e. teflon tape). Tighten the union adapter to the tee making a water tight seal.
3. Apply teflon tape to the sensor threads and route the sensor cable through the sealing hub. Tighten the sealing hub to the sensor making a water tight seal.
4. Route the sensor cable through the lock ring.
5. Install the o-ring into the groove on the union adapter. Install the sensor and sealing hub onto the union adapter and tighten the lock ring.
6. Connect the sensor cable to the controller as described in the system operation manual.

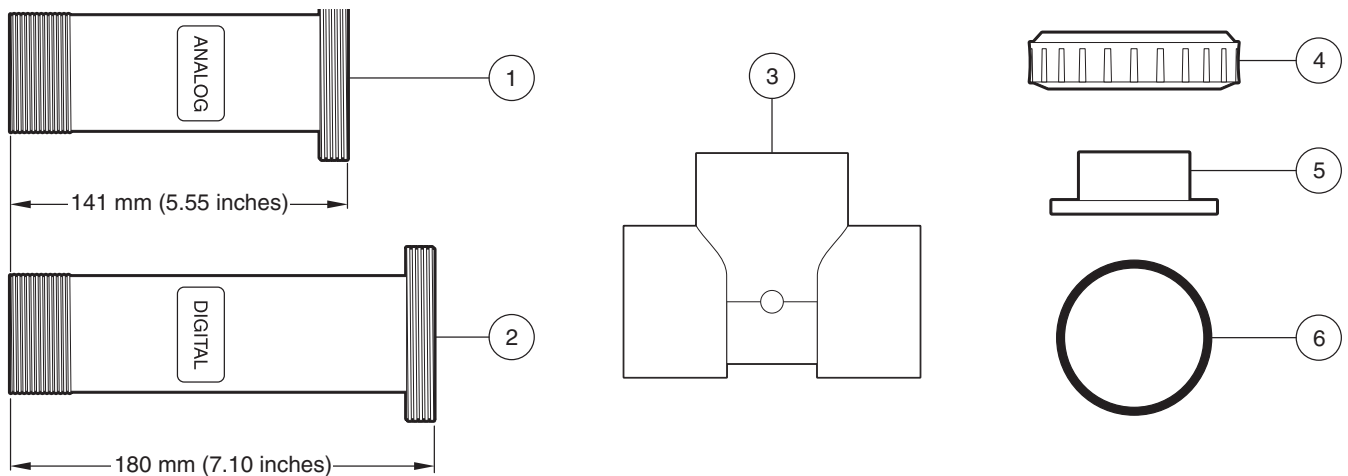


Figure 1 Flow-through union mounting hardware (CPVC shown)

1 Union Adaptor, Analog	4 Locking Ring
2 Union Adaptor, Digital	5 Sealing Hub
3 Tee, 1½ inch NPT	6 O-ring, Viton

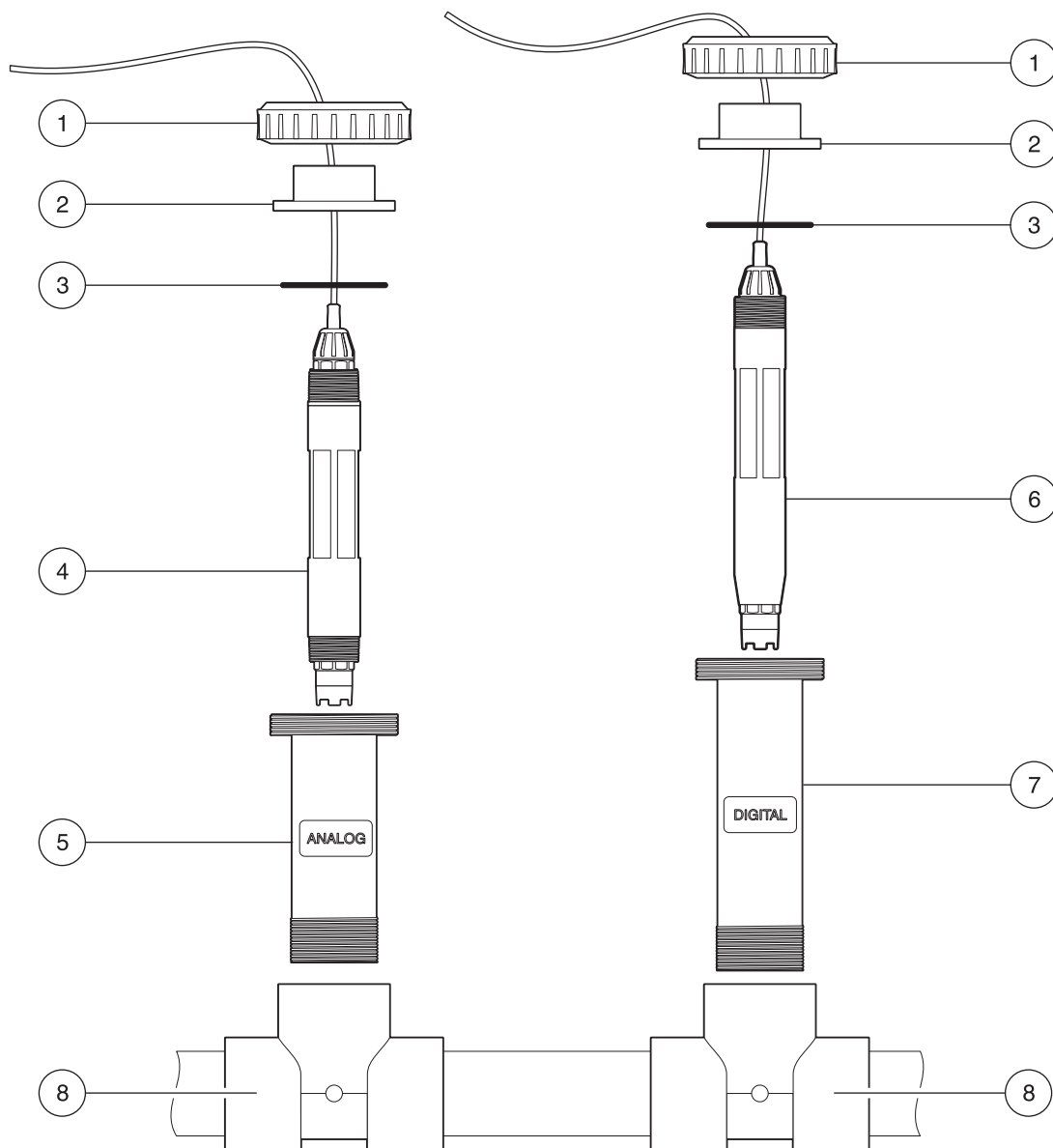


Figure 2 Assembling the union mount hardware

1	Locking Ring	5	Union Adaptor, analog
2	Sealing Hub	6	Digital Sensor (for reference only)
3	O-ring, Viton	7	Union Adaptor, digital
4	Analog Sensor (for reference only)	8	Tee, 1½ inch NPT

Replacement Parts

Description	Catalog Number
CPVC Union Mounting Kit	6131300
Sealing Hub, CPVC	60F2021-001
Lock Ring	60F2032-001
Viton® O-ring	5H1233
Digital Union Adapter, 1-½ in., CPVC	6131100
Analog Union Adapter, 1-½ in., CPVC	60A2030-001
1½-in. Tee, CPVC	3P2104-107
Stainless Steel Union Mounting Kit	6131400
Sealing Hub, 316 SS	60F2021-002
Lock Ring, 316 SS	60F2032-002
Viton O-ring	5H1233
Digital Union Adapter, 1-½ in., 316 SS	6131200
Analog Union Adapter, 1-½ in., 316 SS	60A2030-002
1½-in. Tee, 316 SS	2P2204-107



FOR TECHNICAL ASSISTANCE, PRICE INFORMATION AND ORDERING:

In the U.S.A. – Call toll-free 800-227-4224

Outside the U.S.A. – Contact the HACH office or distributor serving you.

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