

Instruction Card

Process Connection adapters for FU20 sensors Parts K1547PK, K1547PM, K1547PL, K1547PN

Purpose:

This document explains the assembly process of the FU20 adapters with part numbers K1547PK, K1547PM, K1547PL, K1547PN. These adapters allow for the installation of FU20 sensor to either 1" NPT or 1" BSP process connections (depending on part number selected). The available adapter material options are stainless steel (SS316) or Titanium. Information about each part number can be found in IM12B06J03-02EN-P.

Parts included in the adapter box:

Part	Qty	Function	
Adapter 1" NPT or 1"BSP Material: SS316 or Titanium	1	Process Connection	
Adapter Flange Material: SS316 or Titanium	1	Sensor Interface	
Mounting Nut Material: PPS	1	Mechanical fixation	
O-ring Material: Viton	1	Sealing	

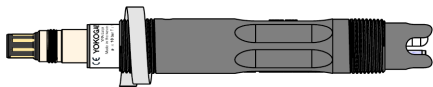
Assembly Process:

Step 1:

Unpack the adapter from its box and check whether all the contents of the box are complete and correct.

Step 2:

Apply a layer of the adhesive tape on the FU20 top NPT/BSP thread, inline with the instructions described in the FU20 IM document (IM12B06J03-02EN-P).



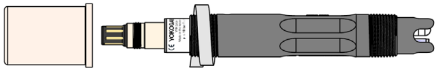
Step 3:

Insert the O-ring in the adapter flange.



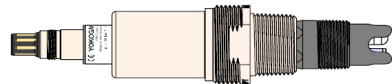
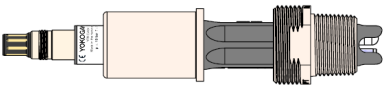
Step 4:

Insert the FU20 in the adapter flange and fully tighten by hand.



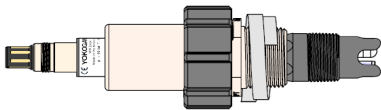
Step 5:

Insert the 1"NPT or BSP adapter.



Step 6:

Secure the adapter parts together using the mounting nut, fully tightening by hand. Add sufficient teflon tape to fully cover the process connection.



Note:

Adapters with part numbers K1547PK, K1547PM, K1547PL, K1547PN **cannot** be used together with collar-body type FU20 models (-RCD, -RCF).