

IM12J06K01-00EN-P

Purpose:

The optical dissolved oxygen sensor DO71/DO72 adapter set K1531JA and adapter K1520JN/JP/K1500DV are used to fit the sensor to Yokogawa standard process fitting.

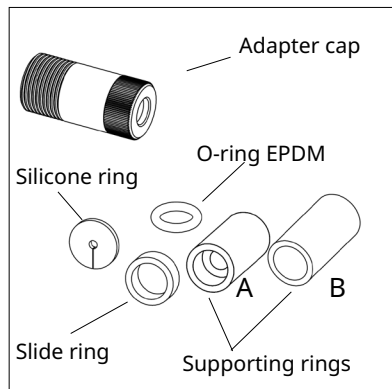


Figure 1. Adapter set K1531JA

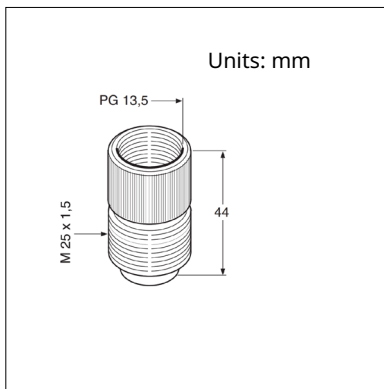


Figure 2. Adapter K1520JN (PVC-C), K1500DV (PVDF), K1520JP (SS)

Dimensional drawing

For dimensional and specification details please refer to GS12J06J01-00EN-P

Assembly DO71 adapter set

Step 1

Unpack DO71 adapter set, and depending on required sensor insertion depth, choose supporting ring A or B as shown in figure 1.

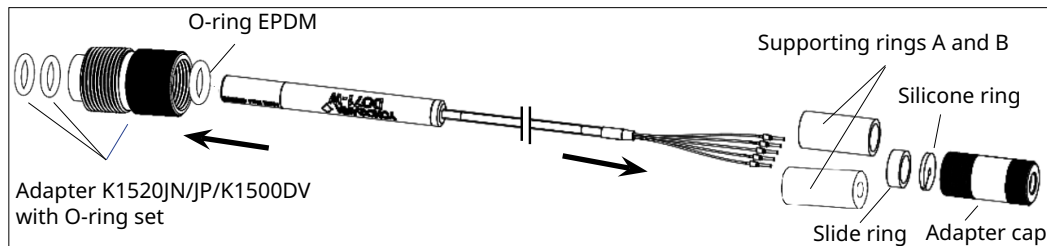


Figure 3. Adapter set assembly

Step 2

Run cable through supporting rings, silicone ring, adapter cap and EPDM O-ring as displayed in figure 3. This setup is suitable for installation into a Yokogawa FF40 series flow fitting,

Step 3

In case sensor is to be installed into Yokogawa FF20 series flow fitting follow the steps 1 and 2 and additionally fit DO71 sensor into adapter K1520JN/JP/K1500DV as displayed in figure 3.

Step 4

Screw sensor into the respective flow fitting.

Assembly DO72 adapter set

Step 1

Unpack adapter K1520JN/JP/K1500DV with O-ring set.

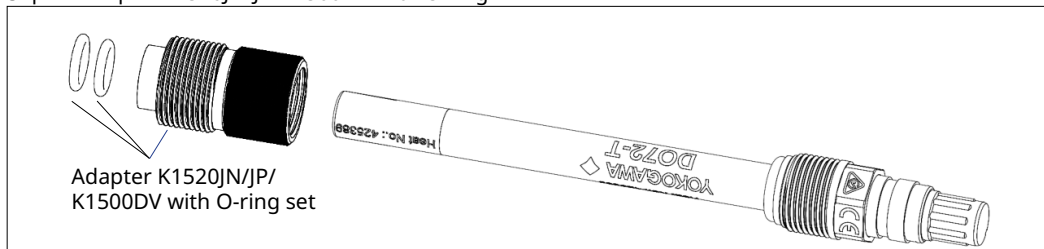


Figure 4. Adapter set assembly

Step 2

Run DO72 sensor through adapter K1520JN/JP/K1500DV and O-rings as displayed in figure 4.

Step 3

Screw in sensor into the respective flow fitting having M25x1.5 connection.

Note on disassembly

For removing sensor from the fitting and adapter it is important to follow installation steps in reverse order.

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