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Solid Model Instructions – Proximity Pumps

The STEP or IGS zip folder contains a solid model STEP or IGS file for your pump and another folder titled configuration-options.

Name	Type
pxa060-step	File folder

Name	Type
configuration-options	File folder
pxa060-solid-model.STEP	STEP File

The pump solid model file is the basic model of the pump with minimal attachments and no liquid fittings. Use the configurations-options folder to configure the base model pump to your specific system requirements.

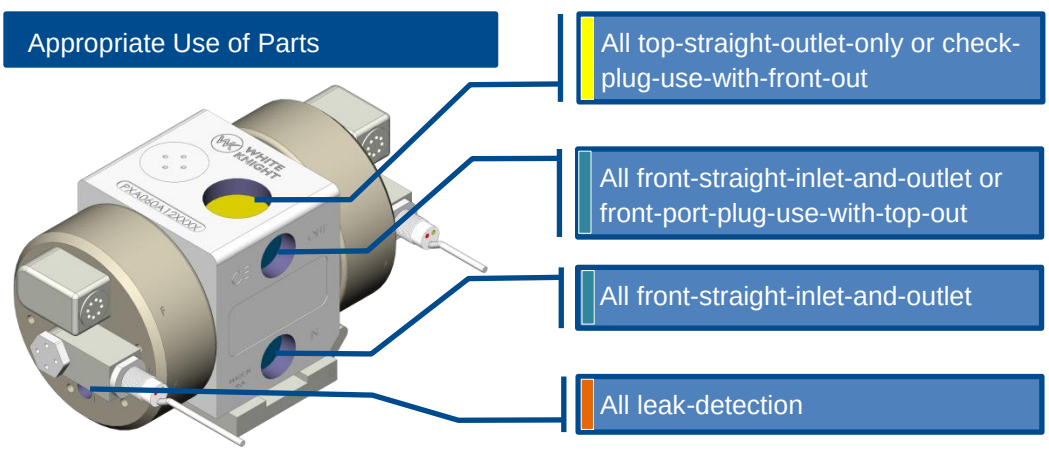
Within the configurations options folder there are several folders containing the leak detection, liquid, and stroke detection fittings available for this pump. Mate surfaces of parts and ports are color coded.

Name	Type
leak-detection	File folder
liquid-fittings	File folder

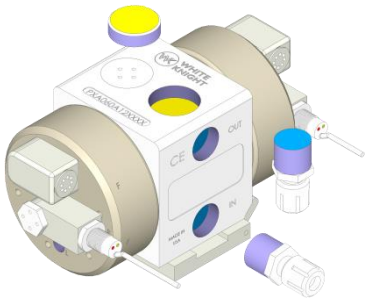
Liquid inlet and outlet fittings are available in many types and sizes. You may configure your pump with different inlet and outlet sizes or types. White Knight recommends your outlet fitting be smaller than your inlet fitting. Sizes are referenced in file names as 16^{ths} of inches (i.e. 04 = ¼", 08 = ½", 16 = 1", etc.)

Name
08-flaretek-compatible.STEP
12-flaretek-compatible.STEP
16-flaretek-compatible.STEP
20-flaretek-compatible.STEP

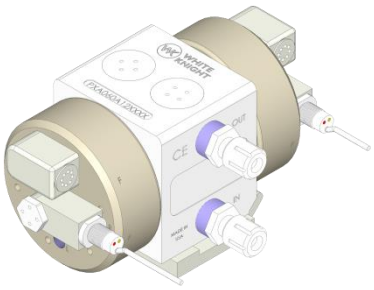
Name	Type
flaretek	File folder
fnpt	File folder
pillar-s-300	File folder
synchro-flare	File folder
tubeout	File folder
weldable	File folder



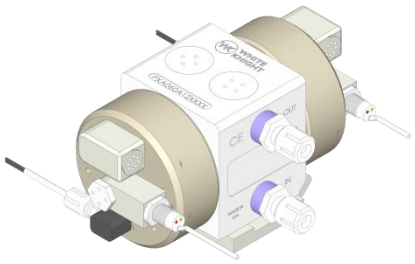
Examples



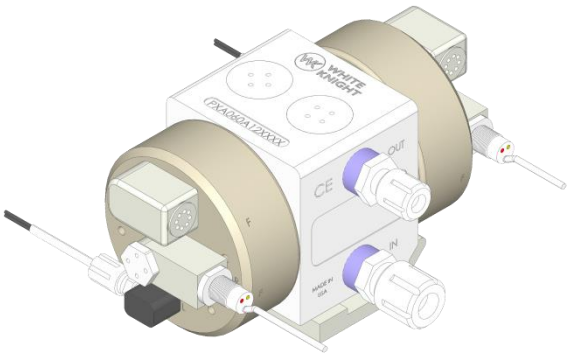
Pump assembly with two straight out liquid fittings and a top check plug.



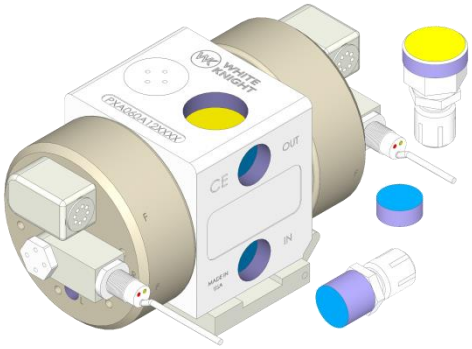
Pump with two straight out fittings configured to run with proximity sensors.



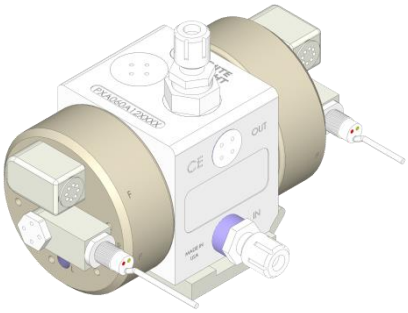
Pump with two straight out fittings configured to run with proximity cables and elbow out fiber optic leak detection.



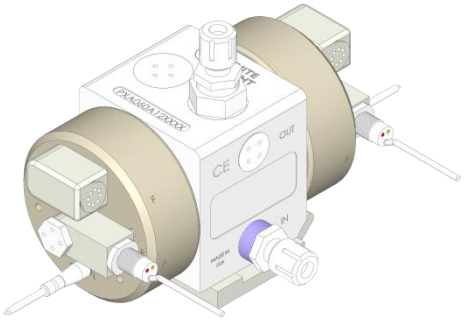
Pump with a 1” inlet fitting and a ½” outlet fitting configured to run with a single fiber optic probe.



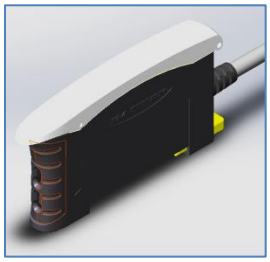
Pump assembly with a straight inlet fitting, front out plug, and top out liquid fitting.



Pump with a top out fitting configured to run with a single fiber optic cable.



Pump with a top out fitting configured to run with a single fiber optic cable and conductivity straight out leak detection



White Knight recommends the D10 amplifier for use with fiber optic cables and has been included in your solid models to allow for place assignment in your solid model.