

I/H to CPC Conversion Kit
9964-544

I/H to CPC Conversion Kit

The CPC Current-to-Pressure Converter replaces previous Woodward I/H converters. The improvements made to the new CPC are:

- High tolerance to oil contaminants
- One model covers a wide range of steam servo systems
- Significantly fewer parts
- Easy 'on-site' installation and tuning

For exchange and use as a spare, Woodward has developed an I/H to CPC conversion kit. The conversion kit contains:

- The new CPC
- An I/H to CPC adapter plate

A 24 Vdc 100 W power supply is required. This can be included in the conversion kit upon request.

IMPORTANT

The frequently used 24 Vdc power supply of the Woodward 505 Digital Steam Turbine Control cannot be used to power the CPC.

Generally, existing wiring can be re-used. Please ensure that the power leads are at least 1,5 mm² (16 AWG).

The following I/H converters can be converted to the new CPC, using the conversion kit:

European Design:

Standard I/H 8901-434/-435/-436/-437/-441

Cenelec I/H 9906-083/-084/-085/-086/-090

US Design

Standard I/H 9906-090

UL Listed I/H 9906-153/-154/-155/-156/-160/-206/-207

Parts and Pricing

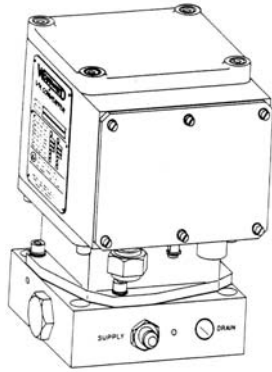
	Product	Part Number
	CPC—Standard Version	8901-455
	CPC—Cenelec, Eex-d, IIC, T5/T6	9907-477
	I/H to CPC Adaptor Plate (European Design)	8920-149
	I/H to CPC Adapter Plate (US Design)	8920-159
	Optional 24 V Power Supply	1784-369
	Powerpack 230 Vac or Powerpack 115 Vac	1784-401

Mounting Instructions

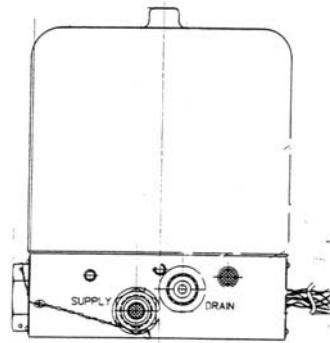
The new adapter plate (see drawing 3689-097) is identical to the old I/H converter base. All existing piping and fittings can be left in place. Reconnect the piping and fittings to the corresponding holes in the new adapter plate.

Mount the new CPC horizontally on the adapter plate.

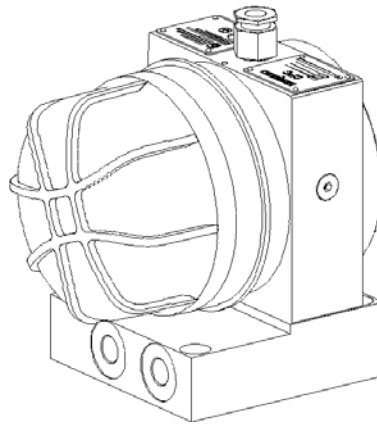
Further instructions for installation are contained in Chapter 3 of the Woodward CPC manual 89543.



Obsolete European Design I/H Converter



Obsolete US Design I/H Converter



New CPC with I/H Adapter Block (existing hydraulic tubing left in place)

Other Hydraulic Converters

The CPC is designed to be able to replace the majority of hydraulic converters in the field today. Please contact Woodward for further details.

Please note that custom adapter plates are available.

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We appreciate your comments about the content of our publications.

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Please reference publication 51190.



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