



# VPIF

## Valve Position Indicator for Sealed Motor Valve

### INTRODUCTION

The Valve Position Indicator, model VPIF, is a digital monitoring module for use with the Sealed Motor Valves (SMV) product line. The VPIF is standard on models: HMMV, HMMR, HMXV, HMMVC, HMMRC, and HMXVC. The VPIF displays the valve position during normal (automatic) operation. It can also be used to locally open or close the valve. This is particularly helpful when servicing or recalibrating the valve is required.

The large LED readout displays the valve position (in percent). The VPIF contains an internal independent current source, which is switch selectable for 4 mA (close) and 20 mA (open).

The Hansen VPIF can be mounted on or near the valve for ease of use and visibility. This provides better accessibility for technicians when valves are mounted high in the air or in obstructed areas. The VPIF can be mounted up to 10 feet (3 meters) in any direction from the valve. VPIEC Extension Cables are available where more length is required.

The VPIF displays valve position locally while passing the feedback signal if it is to be monitored remotely. For recalibration of SMV, the VPIF will output either 4 mA (close) or 20 mA (open). An externally mounted, waterproof three position switch is used for positioning of the SMV.

The VPIF valve position feedback can alert operators to unstable control schemes. This feature is very important to the proper operation of the refrigeration system and the life of the Sealed Motor Valve.

All VPIF units are factory tested and fully assembled to meet Hansen's industry leading standard of quality and workmanship.

Retro-fit kits are available to update existing Sealed Motor Valve installations.

## HANSEN

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Valve Position Indicator (VPIF)

### FEATURES

- Versatility of installation options
- Large LED readout
- Watertight corrosion resistant enclosure (NEMA4X)
- Local recalibration of SMV
- Local indication of the SMV valve position
- Waterproof quick disconnect connectors allow for easy removal of the SMV power head for service

### SELECTION

CATALOG NUMBER	DESCRIPTION
VPIF	Valve Position Indicator Monitor and Connection for SMV Models with 4-20mA
VPIEC	8' Extension Cable
75-1210	Retro-fit Kit with VPIF, two cables and junction box
75-1211	Retro-fit Kit with VPIF, cable and solder quick disconnect cable connector