

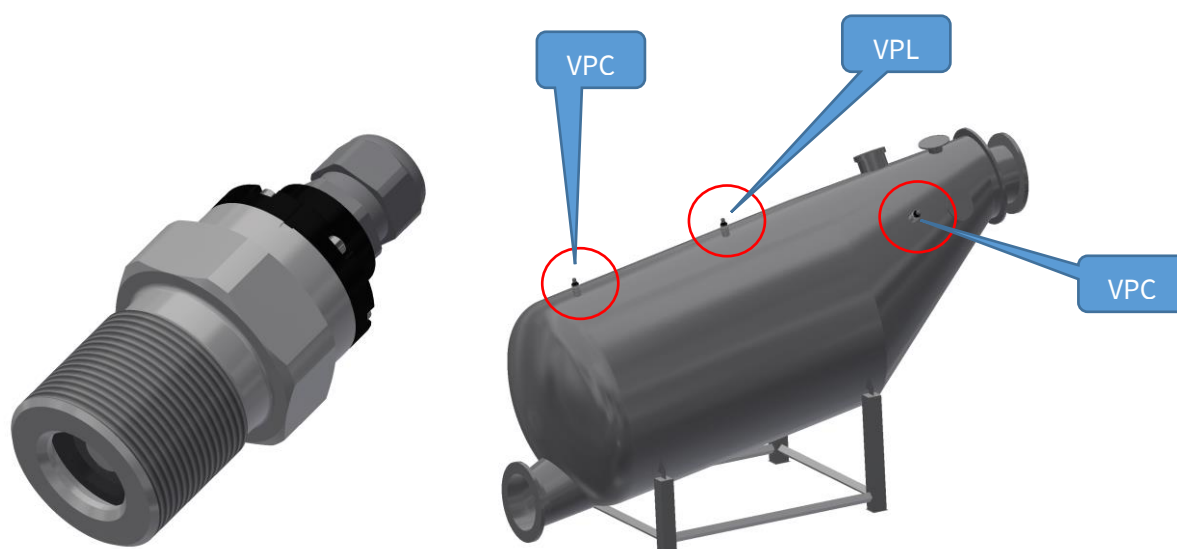
DATASHEET

HAWKEYE VPC – VACUUM PUMP CAMERA WITH POE

The HawkEye VPC is a fixed mini camera developed for use in Stranda Prolog Vacuum Pump's.

The camera is made of stainless steel and food grade POM. The camera body frontend is threaded and will be screwed into a standard threaded stainless R-201 fitting (ISO228-1G 1 – 1/2") that is welded into the tank. Together with a standard stainless Bonded Seal for BSP G1-1/2 this will make an air and watertight seal between the vacuum pump and camera.

The Hawk Eye VPL (Vacum Pump Light) is a LED light with the same body as the HawkEye VPC. This can be fitted to the vacuum pump in the same way as the camera and ensures that the light inside the vacuum pump is adequate for camera monitoring. The LED light is dimmable (0-100%) via a potentiometer on the front of the connection cabinet.



HawkEye VPC

HawkEye VPC and VPL mounted in Stranda Vacuum Pump

- Compact form factor
- Camera body and fittings made of stainless steel and food grade POM
- IP68 frontend
- IP67 backend (when gland is tightened)
- Varifocal lens - 97°-52°horizontalfieldofview
- HD image: 1920x1080
- POE



DATASHEET

Camera

Image sensor 1/2.8" (effective) progressive scan RGBCMOS

Lens Fixed iris
3-6mm, F2.0
In 1080p:
Horizontal field of view: 97° to 52°
Vertical field of view: 53° to 30°

Light sensitivity Color: 0.3lux

Shutter time 1080p 12.5/15 fps : 1/22500s to 2s

Video

Video compression H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG

Resolution 1920x1080 (1080p)

Frame rate 12,5/15 fps with power line frequency 50/60 Hz (1080p)
25/30 fps with power line frequency 50/60 Hz with (720p)

General

Casing IP67 when gland is tightened.
Front of camera is IP 68.
Camera body made stainless steel and food grade POM.

Power Power over Ethernet (PoE)
Supplied via connection cabinet.

Weight 750 g

Operating conditions -30 °C to 55 °C (-22 °F to 149 °F)

Storage conditions -40 °C to 65 °C (-40 °F to 149 °F)

