

FIXED CONNECTION FOR OPTICAL FLAME SENSOR

PRODUCT:ACS-CN-C3

TECHNICAL SHEET 1/2

☎ Customer Service: 55 11 3019-1616

• APPLICATION

This connection is appropriated for sensors with or without failure self-checking.
Allows the connection of the standardized flange, sensor, and flame vision pipe's air purge hose.
It can be used with all sensors from SEL-SV line of Selcon.

• TECHNICAL DATA

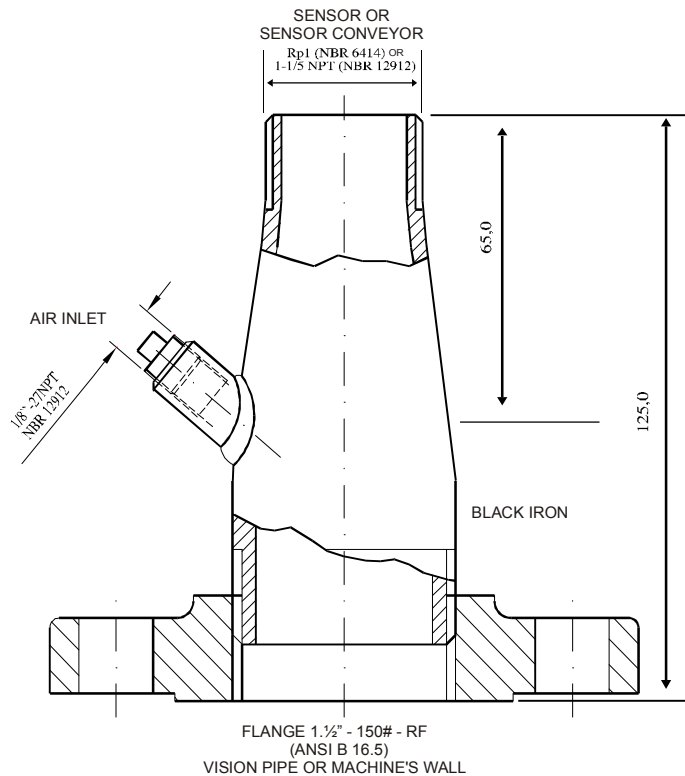
- ⇒ Material: a) Cast iron flange, with black zinc bath
b) Steel body, with black zinc bath
- ⇒ Assembling: At the machine's wall, in inclined angle from the top to the bottom
- ⇒ Measurements and flange type: 1 1/2" - 150# RF.

NOTE: The client might choose 2" 150# RF flange.

This option must be in the purchase order request.

- ⇒ Fixation: Through contra-flange by four holes
- ⇒ Weight: 600 grams 1 1/2" flange and 900 grams 2" flange

• Dimensional Draft (mm)



SELCON SISTEMAS ELETRÔNICOS DE CONTROLE LTDA.
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Representative or Retailer

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• CAUTION:

- ⇒ Cleaning/refrigeration air characteristics $\theta < 40^{\circ}\text{C}$ – flow_{min} > 10 scfm; air source pressure > pressure in the combustion chamber, in at least 300mm of water column.
- ⇒ Install the sensor from top to bottom, to avoid dust accumulation and to keep its face clean..
- ⇒ The sensor should “see” the flame (if possible, the first 30% of it) from the burner nozzle, where the emission of visible radiation is higher.
- ⇒ **Use the sensor exclusively with programmers and/or detector relays manufactured by Selcon.**

• OTHER PRODUCTS AND ACCESSORIES:

- ⇒ Flame Relays – CHM-E, CHM-P, CHM-M e CHM-F
- ⇒ Tightness Test Relay of blocking valves – CHM -T
- ⇒ Ignition Programmers and flame monitoring – PRG-E, PRG-Ie, PRG-Ie -IIIMe (with base), PRG-I, PRG-M e PRG-M-IIIMe (with base)
- ⇒ Optical Flame Sensors– SEL- SV
- ⇒ Flame sensors by ionization and ignitor electrodes – SEL-HT e SEL-HT-E (sensors and electrodes assembled under draft or sample from the special-client).
- ⇒ Flame signal transmitter– ACS –TX (until 500 meters between the sensor and relay or programmer)
- ⇒ Flame Signal Converter for 4 -20 mA – ACS - CV
- ⇒ Ignition transformers – ACS -TE (for feeding in VAC or VCC)
- ⇒ Portable ignitor – ACS-IP (works with common alkaline battery AA type)
- ⇒ Several Cables– ACS - CB (ignition / sensing / communication / control)
- ⇒ Connector and protector to touch for ignition cable – ACS - CP
- ⇒ Temporized ignition panel ACS – IT
- ⇒ Ignition and flame panel – ACS - PI
- ⇒ Articulated socket joint – ACS - CN
- ⇒ Ignition and monitoring panel – ACS-PN (under consultation)
- ⇒ Reform services of pilot burners (under consultation)
- ⇒ **PRODUCTION DATA SUPERVISION LINE**



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