

ARTICULATED CONNECTION FOR OPTICAL FLAME SENSOR

PRODUCT: ACS-CN-C1

TECHNICAL SHEET 1/3

Customer Service: 55 11 3019-1616

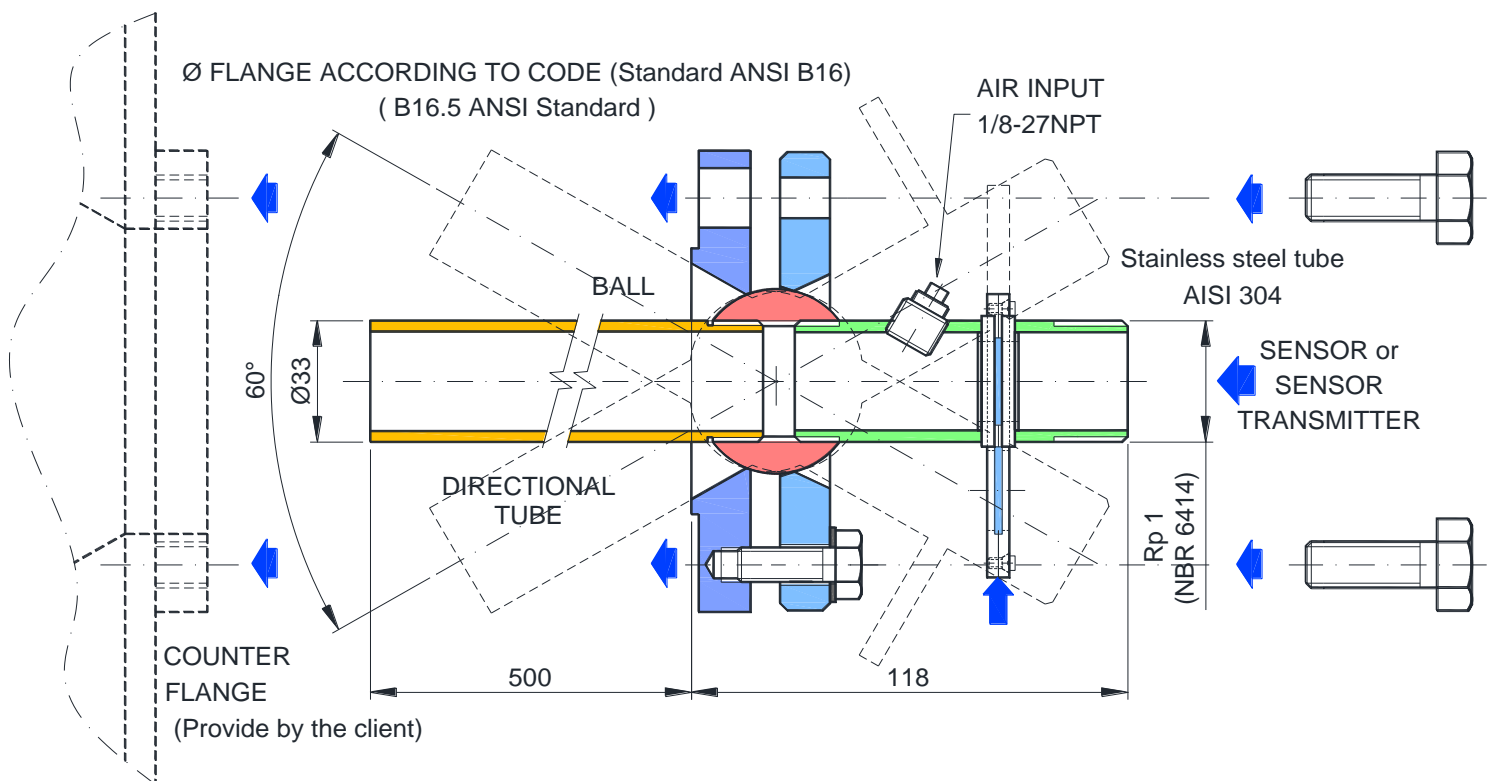
● APPLICATION

This connection is adequate to sensors with or without self checking. It uses a standardized flange as the base, allowing the user to make the counter-flange installation even before receiving the part. It enables to improve, during the start-up and any time later, the sensor view of the flame and provides an input for cleaning/cooling air connection. It is recommended where the flame position, in its point of highest stability of radiation emission, is not 100% known. It may be used with all sensors of SEL-SV line manufactured by Selcon.

● TECHNICAL DATA

- ⇒ Material: a) Cast iron flange, black zinc coated
b) Body of natural stainless steel 304
- ⇒ Assembly: On the machine wall, onto the counter-flange and in inclined angle, from top to bottom
- ⇒ Measurements and flange type: 1 1/2" - 150# RF - A105-ST (ANSI B16.5) or 2" - 150# RF - A105-ST (ANSI B16.5)
- ⇒ Attachment: through counter-flange, using four screws
- ⇒ Weight: 1,000 grams with flange 1 1/2" and 1,500 grams with flange 2"
- ⇒ Warranty: 6 months (**see warranty terms**)

● Dimensions (mm)



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● ORDERING INFORMATION - ACS-CN-C1

ACS-CN	-	C - CONFIGURATION	
		BALL	FLANGE
		<p>d1 = 1</p> <p>=> 50 mm ball</p>	<p>• (d2)</p> <p>d2 = 1 => 1 1/2" (Without directional tube of flame view / without lens cleaning window)</p> <p>OR</p> <p>d2 = 2 => 1 1/2" (Without directional tube of flame view / with lens cleaning window)</p> <p>OR</p> <p>d2 = 3 => 1 1/2" (With directional tube of flame view / without lens cleaning window)</p> <p>OR</p> <p>d2 = 4 => 1 1/2" (With directional tube of flame view / with lens cleaning window)</p> <p>OR</p> <p>d2 = 5 => 2" (Without directional tube of flame view / without lens cleaning window)</p> <p>OR</p> <p>d2 = 6 => 2" (Without directional tube of flame view / with lens cleaning window)</p> <p>OR</p> <p>d2 = 7 => 2" (With directional tube of flame view / without lens cleaning window)</p> <p>OR</p> <p>d2 = 8 => 2" (With directional tube of flame view / with lens cleaning window)</p>

Note: The sensor and other accessories should be specified separately, according to their tables with corresponding codes



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● **WARNING:**

⇒ Use the sensor only with programmers and/or detector relays made by Selcon.

● **OTHER PRODUCTS AND ACCESSORIES:**

- ⇒ Flame relays: CHM-SE, CHM-P, CHM-M, CHM-M-IIIMe (with base) and CHM-F
- ⇒ Automatic valve proving control: CHM -T
- ⇒ Ignition and flame monitoring programmers: PRG-SE, PRG-E, PRG-Ie,
- ⇒ PRG-Ie-IIIMe (with base), PRG-I, PRG-M and PRG-M-IIIMe (with base)
- ⇒ Flame optical sensors: SEL- SV
- ⇒ Ionization flame sensors and ignition electrodes: SEL- HT (standard) and SEL- HT-E (sensors and electrodes mounted under drawing or customer sample- special);
- ⇒ Flame signal transmitter: ACS -TX (up to 500 meters between sensor and relay or programmer)
- ⇒ Flame signal converter for 4 -20 mA: ACS - CV
- ⇒ Ignition transformers: ACS -TE (for supply in VAC or VCC)
- ⇒ Timed ignition panel: ACS - IT
- ⇒ Portable ignitor: ACS - IP (operates on batteries)
- ⇒ Ignition panel (operates on batteries): ACS-PN-E
- ⇒ Ignition panel and flame monitoring: PRG-Ie/O3
- ⇒ Cables: ACS - CB (ignition / sensing / communication / control)
- ⇒ Touch-sensitive connector and protector for ignition cable: ACS-CP
- ⇒ Articulate connection ACS-CN
- ⇒ Ignition and monitoring panel: ACS-PN (on request)
- ⇒ Reform service for pilot burners: on request
- ⇒ **PRODUCTION DATA SUPERVISOR LINE**



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