

# IGNITION CABLE OR CONDUCTIVE-IONIZATION SENSOR

PRODUCT: ACS-CB-C1521-O□

Technical Sheet 1/2

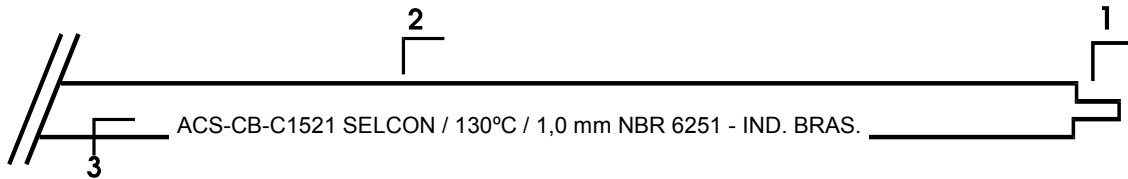
☎ Customer Service: 55 11 3019-1616

## • APPLICATION

- 1 - Cable to connect either the secondary of high tension converter, or the ignition relay ACS-IT to ignition electrode(s).
- 2 – Cable to connect flame detection sensor using conductive-ionization (metallic rod) to the inlet for flame detection relay sensor (CHM line), programmer for flame start and supervision and safe stop of burner (PRG line).

## • TECHNICAL DATA

- ⇒ Applicable Regulation: NBR 6251
- ⇒ (1) Conductor Section: 1,0 mm<sup>2</sup>
- ⇒ Elementary cable: bare soft cooper
- ⇒ Formation: 18 x 0,254 mm
- ⇒ (2) Insulation: neoprene rubber, colors black or ceramics
- ⇒ Insulation thickness: 2,820 mm
- ⇒ External diameter: 7 mm
- ⇒ Electric Insulation<sub>max</sub>: 10 Kv for continuous use or 20 Kv for intermittent use
- ⇒ (3) Identification on the cover: ACS-CB-C1521 SELCON /130°C / 1,0 mm<sup>2</sup> NBR 7288-IND. BRAS.
- ⇒ Working ambient temperature<sub>max</sub>: 130°C
- ⇒ Construction:



## • ORDER CODE – ACS-CB-C1521-O□

ACS-CB-C1521	-	O – Colors
		□ (d1)
		d1 = 1 => Black
		OR
		d1 = 2 => Ceramics



SELCON SISTEMAS ELETRÔNICOS DE CONTROLE LTDA.  
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Technical Sheet 2/2

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• **BE AWARE:**

⇒ Use the programmers and/or detector relays exclusively with flame sensors of Selcon manufacturing.

• **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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