

TRANSMISSION CABLE FOR FLAME PRESENCE SIGNAL OR SERIAL COMMUNICATION OF MCQ SYSTEM

PRODUCT: ACS-CB-C4217

TECHNICAL SHEET

☎ Customer Service: 55 11 3019-1616

• APPLICATION

Cable used to transmit flame presence signal of sensor or sensor-conveyer SEL-SV-MCQ to flame detection relay CHM-F-MCQ, via RS 485 serial communication.

• TECHNICAL DATA

\varnothing_{ci}	BT (AWG)	A	\varnothing_E	Vm	C
1,7	22	0,36 mm	6	300	77

Legend:

\varnothing_{ci} = Internal conductor diameter (mm)

BT = Internal conductor gage (AWG)

A = Area (mm²)

\varnothing_E = Cable external diameter (mm)

Vm = Maximum Operating tension (V r.m.s.)

C = nominal mutual capacitance (pF/m)

Co = Color of cables; natural / red

Cover = PVC – 105 °C, in black

Resistant to flame propagation, according to the NBR 6244 regulation.

• 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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Representative or Retailer:

Selcon Ltda., keeps the right to modify this technical sheet whenever it is necessary - Jan./07