

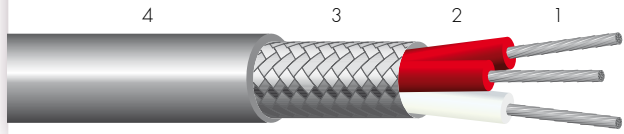
## PYROMETRY CABLES

PLATINUM RESISTANCE TEMPERATURE  
SENSORS CONNECTION CABLES

# SONDIX® MC-ECS

with insulation  
and silicone sheath

**-60 °C to +200 °C**



- 1 • Tin-plated copper core.
- 2 • Silicone rubber insulation.
- 3 • Optional electrical screen, tin-plated copper (ref. MCBE-ECS).
- 4 • Silicone rubber outer sheath.

### Approvals - standards

- Cables and identification as per IEC 60 751, NF C 43-330, DIN 43760 and BS 1904.

### Applications

- Wiring of platinum resistance temperature sensors.

### Options

- Bare copper core, ref. MC-CS: contact us.
- Other core cross-sections or number of conductors: contact us.
  - Solid or extra-flexible cores: contact us.
  - Cores and optional electrical screen, nickel-plated copper ref. MC-CNCS and MCBCN-CNCS: contact us.

### Characteristics General

- Maximum admissible temperature under continuous operation: -60 °C to +200 °C.
- Excellent resistance to humidity and UV.

### Electrical

- Operating voltage: 300 V.

### Standard products

- 2, 3, 4, 6 or 8 conductors.
- Identification: 2 conductors: 1 red / 1 white.  
3 conductors: 2 red / 1 white.  
4 conductors: 2 red / 2 white.  
6 conductors: 4 red / 2 white.  
8 conductors: 4 red / 4 white.
- Sheath colours: grey or brick red.

### MC-ECS

### MCBE-ECS

Nominal cross-section (mm <sup>2</sup> )	Insulated conductors			Unshielded cables	Shielded cables	
	Nominal stranding	Outside diameter (mm)	Maximum linear resistance at 20°C (Ω/km)		Nominal outside diameter (mm)	Diameter of braid strands (mm)
2 x 0.15	19 x 0.10	1.2	166	4.0	0.10	4.5
3 x 0.15	19 x 0.10	1.2	166	4.2	0.10	4.7
4 x 0.15	19 x 0.10	1.2	166	4.5	0.10	5.0
2 x 0.22	7 x 0.20	1.3	92.5	3.8	0.10	4.5
3 x 0.22	7 x 0.20	1.3	92.5	3.8	0.10	4.8
4 x 0.22	7 x 0.20	1.3	92.5	4.8	0.10	5.2
6 x 0.22	7 x 0.20	1.3	92.5	5.8	0.10	6.0
2 x 0.34	7 x 0.25	1.6	59.2	4.0	0.10	5.8
3 x 0.34	7 x 0.25	1.6	59.2	5.0	0.10	6.2
4 x 0.34	7 x 0.25	1.6	59.2	5.8	0.10	6.4
2 x 0.5	16 x 0.20	2.1	40.1	5.0	0.13	6.2
3 x 0.5	16 x 0.20	2.1	40.1	6.2	0.13	6.8
4 x 0.5	16 x 0.20	2.1	40.1	6.8	0.13	7.2

For this product, please contact:

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LES CABLES DE L'EXTREME

The information provided in this technical data sheet is indicative and may be modified without prior notice, laying, wiring and electrical conditions and the environment of the cable can not be fully considered in our studies. In no way the company OMERIN shall be held responsible for any incidents in the case of inappropriate uses, particularly in the case of wiring conditions that do not respect the good practice and the standards in force.

For an optimum use of the cables produced by our company, we recommend testing in real conditions. Our sales department is available for a possible provision of samples, and/or for the conditions of a complete study in our laboratories.

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